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MILITARY HANDBOOK

ELECTRON TUBES, CROSS INDEX AND TYPE IDENTIFICATION



DEPARTMENT OF DEFENSE Washington, D.C. 20360

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- 1. This standardization handbook was developed by the Bureau of Ships, Department of the Navy, for use by the Department of Defense.
- 2. This publication was approved on 5 November 1963 for printing and inclusion in the military standardization handbook series.
- 3. This handbook furnishes information relative to the cross indexing and type identification of electron tubes.
- 4. Recommended corrections, additions, or deletions should be addressed to the Chief, Bureau of Ships, Department of the Navy, Washington, D.C. 20360.

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CONTENTS

- 1. The first column, titled "Tube Type" lists in numerical-alphabetical order all type numbers covered by this handbook. (See EXPLANATION OF LISTING SEQUENCE).
 - 2. The second column, titled "Current Service Designation" is the approved service designation for the type.
 - 3. The third column, titled "Other Number" contains other designations by which the same type has been known.
- 4. The fourth column, titled "Class Description" gives a brief description of the tube and its application, and will serve to identify the tube as well as to differentiate between unlike types having the same number. The description includes guides by specific words, defined as follows:

"Obsolete" does not imply that a type is no longer used, but that it will not be manufactured.

"Similar to" denotes those types which have similar electrical characteristics but may differ in basing, heater voltage or physical size.

"Selected" indicates a tube type specially tested for particular characteristics.

INTRODUCTION

- 1. The purpose of this publication is to provide as complete a list as possible of electron tube types used in Armed Services equipments or stocked in depots, together with a cross reference to any other type numbers or designations these tubes may have. Crystal rectifiers and transistors are not included except for occasional items where their nomenclature may be confused with tube type numbers.
- 2. The inclusion of an electron tube type is this document does not in itself constitute any recommendation(s) for or against its use. Designers of new equipments should refer to "MIL-STD-200, ELECTRON TUBES, SELECTION AND USE OF".

EXPLANATORY NOTES

- 1. The letter "W" immediately following the end of a tube type designation indicates a tube which has been modified for military usage, either with respect to environmental characteristics, reliability, or both. Usually it can be used in the same socket as its prototype, but it may be of different overall physical dimensions or have a slightly variant heater current.
- 2. GT/G. There has been considerable misunderstanding throughout the service as to the relationship among tubes marked G, GT, and GY/G. The GT/G group of tubes was manufacturer primarily for equipment built for civilian use. Because of similarity in electrical characteristics of tubes of certain G and GT types, manufacturers discontinued the G types and thereafter branded the GT, GT/G. Tubes of the latter two types, (GT and GT/G) are identical electrically and mechanically, and so are interchangeable and can be stocked together. Their correct service designation is now GT. They are smaller than those of the G type, however, and may have other mechanical and electrical differences, so that replacement of G tubes by GT or GT/G tubes, while it may be possible, should first be approved by those responsible for the operation of the equipment.
 - 3. Explanation of listing sequence. -
 - 1. Tube type designations containing letters only are listed first and are in alphabetical sequence.
 - 2. Tube type designations containing letters and numerals are listed next in numeric-alphabetic sequence.
 - a. All designations with "1" in them precede all with "2" which precede all with "3", etc. (Note: "10" follows "9" and precedes "11".)
 - b. Within a given numeric group, those designations with alphabetic prefixes come first and are listed in alphabetic order of the prefix. (Note: within a prefix a "-" precedes any letter of the alphabet.)

INTRODUCTION

Example:

BLl	TTl
BSl	Vl
CEl	1
Dl	A2
GM-M1	BL2
GMHM1	CE2
NUl	ZA2
01	ZP2
RE1	2

c. Within a given numeric group, whenever the number (or the number and prefix if both exist) is identical, the sequence is alphabetic according to the letters appearing next after the number. (Note: "-" or "/" precedes in sequence any letter of the alphabet.) Example:

BLl	NUlv
BS1	O1
CEl	REl
CElA/B	TTl
CEIC	V1
Dl	1
GM-M1	1-A
GM-M1M	lA
GMHM1	A2
NUl	2
NU1RBL	

d. When the alphabetic prefix, the numerical, and the first letter or letters following the numeral are the same, the further sequence is based upon the number next following, then the letter following that, etc. Example:

1	lBl
1-15	1B3GT
1A1	1B3GT/8016
1A5G	6M-M1M2
1A5GT	6M-M1M20
lA5GT/G	6MH-MK1MOD10
IAB5	

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	Current Service		
Tube Type	Designation	Other Number	Class Description
AD AF AG AMP-VR BA BH BR	IV 82 83 8H/8H/3 1009/BA BH BR		See IV See 82 See 83 See 8H/8H/3 See 1009/BA Receiving duodiode gaseous rectifier Receiving diode gaseous Rectifier
DX FNH GL K-O LA LVX Navy Type A Navy Type B Navy Type C PZ PZH	DX 6A3 Special 1B32/532A 2J23/29 6A4/LA 2J42 C1A C5A C6A 47		(obsolete) Dry system oven Special Type 6A3 See 1B32/532A See 2J23/29 See 6A4/LA See 2J42 See C1A See C5A See C6A See 47
SA SB SC XP XXB	2A5 SA SB SC CV74 XXB		See 2A5 Gas switching tube Gas switching tube Gas switching tube See CV74 Receiving twin triode frequency converter (obsolete)
XXD XXFM XXL	14AF7 7X7/XXFM XXL	7X7	See 14AF7 See 7X7/XXFM Receiving lock - in type triode (very similar to 7A4) obsolete
OOA OSGLIM BL-M-008 BL-S-016 BL-T-005	00A CV71 BL-M-008 BL-S-016 BL-T-005	200A, 300A	Receiving triode detector - caseium vapor type (obsolete) See CV71 Magnetron TR Tube TR Tube
BL-T-015 BL-T-024 BL-T-033 BL-T-041 BL-T-059 0A2	8331 8330 TR610/BL-T-033 BL-T-041/8061 BL-T-059/8060 0A2	MA-3108, MXT-49 MA-3107, MXT-48 TR610 MPT-23, 8061 MPT-24, 8060 HD51, S856	See 8331 See 8330 See TR610 TR Tube TR Tube Miniature type 0D3 voltage regulator. See also 6073
0A2/5856 0A2WA 0A3	5856 0A2WA 0A3	GL75-30, 0A3/VR75, VR75-30	Voltage regulator, receiving Receiving voltage regulator Voltage regulator
0A3/VR75 0A4G OA5 OB2	0A3 0A4G OA5 OB2	HD52	See OA3 Triode, gas, cold cathode Cold cathode relay tube for triggering Receiving voltage regulator

	Current		,
Tube Type	Service Designation	Other Number	Class Description
OB2WA OB3	OB2WA OB3	OB3/VR90, VR90-30, GL90-30, VR90	Receiving voltage regulator Diode voltage regulator
OB3/VR90 OC2	OB3 OC2	\$859	See OB3 Miniature type OA3 voltage regulator, (obsolete)
OC2/VR75 OC3	OC2 OC3	OC3/VR105, VR105-30, GL105/30	Miniature voltage regulator. Diode voltage regulator. See OB2
OC3/VR105 OC3/VR105W OC3W OD3	OC3 OC3W OC3W OD3	OC3/VR105W GL150/30, VR150, VR150-30,	See OC3 See OC3W Ruggedized OC3 Diode voltage regulator. See OA2
OD3/VR150 OD3/VR150W OD3W OE3 OG3 OY4 OY4G	OD3 OD3W OD3W OE3 OG3 OY4 OY4G OZ4	OD3/VR150, WT294 OD3/VR150W OG3/85A2, 85A2	See OD3 See OD3W Ruggedized OD3 Voltage regulator Miniature voltage regulator Half wave gas rectifier with starter Half wave gas rectifier with starter Duodiode gaseous rectifier, replace
OZ4A OZ4A/1003	OZ4A/1003 OZ4A/1003	1003, CK1003, OZ4A, CK1003/OZ4A, 1003/OZ4A	with OZ4A/1003 See OZ4/1003 Duodiode gas filled full wave rectifier OZ4 with increased current rating.
OZ4G BL1 BS1 BS1/5979 C1A	OZ4G BL1 5979 5979 C1A	CEC1A, ELC1A, GLC1A, Navy Type	Full wave, gas, cold cathode rectifier ATR tube See 5979 See 5979 Thyratron
C1B C1B/A C1J C1J/A C1K C1K/B CE1	3C31/C1B 5664 C1J 5683/C1JA C1K 7319/C1K/B CE1A/B, C, D, E, V	A, WX3169 NU1	See 3C31/C1B See 5664 Thyratron See 5683/C1J/A Thyratron, inert gas type See 7319/C1K/B Gas phototube, see also CE1C, CE1D,
CE1A/B CE1C CE1D CE1E CE1RBL CE1RBS CE1V CE1VC	CE1A/B 918 868 CE1E 1RBL 1RBS CE1V PJ22		CE1E, CE1V Gas phototube See 918 See 868 Obsolete. Use 868 See 1RBL See 1RBS Vacuum phototube. See PJ22 See PJ22

	Current Service		
Tube Type	Designation	Other Number	Class Description
CECIA CL-1 D1 DE1 DHA-1 EIT ELIC ELCIA ELCIB ELCIK/B FIA FE1 G1 GCI-7 GL-1P29/401 GLCIA GM-MIM2 GM-MIM20 GM-MK1MOD10 GMH-MK1MOD10A GMH-MK1MOD10D HA-1B J1 KC1 LM1 MARK 1 MOD 2 MARK 1 MOD 10 MARK 1 MOD 20 MK1 MOD 20 MK1 MOD 10 MK1 MOD 10A		GMH-MK 1MOD10A, GM-MIM2 GMH-MK 1MOD10A, GM-MKMOD10 GMH-MK 1MOD10A	C1A Clairex crystal photocell See VR78 (Br.) See 27 TWT amplifier Decade counter tube See 3B22 See C1A See 3C31/C1B See 7319/C1K/B Gamma counter tube Improved 1B42 Gas phototube Geiger-Mueller counter tube See 1P29 See C1A See MK1MOD2 See MK1MOD10 See MK1MOD10 See MK1MOD10D Traveling wave tube See 2J22 Special purpose diode vacuum rectifier Lamp See MK 1 MOD 10 See MK 1 MOD 20 Geiger-Mueller counter tube Beta Gamma counter tube (outdoor type) Beta Gamma counter tube (indoor type) Geiger-Mueller counter tube Geiger-Mueller counter tube
MAS-1A ML1E ML1-K NRCOO1M NU1 NU1RBL NU1RBS	MAS-1A/7640 ML1E ML1-K REL53 CE1 1RBL 1RBS	7640, 313H/7640	Traveling wave tube Rectifier (medical & surgical) High voltage half wave rectifier for x-ray apparatus. See REL53 See CE1 See 1RBL See 1RBS See PJ22
NU1V O1	PJ22 Ol	20,1301	Receiving triode detector amplifier (obsolete)

	Current Service		ì
Tube Type	Designation	Other Number	Class Description
OlA	OlA	501A, UX201A, VT-30	Receiving triode detector amplifier (obsolete) See SE4374 equivalent to OOA (obsolete) and 40 (obso- lete)
PAX-1 R-1 RE 1 REL 1 GLC1A S-1 SGR1	PAX-1 R-1 80 VT90 (Br.) /8011 C1A S-1 SGR1		Packaged magnetron Klystron See 80 See VT90 (Br.) /8011 See C1A Transistor Hydrogen thyratron, similar to 4C35 and 4C35A electrically
TGC1 TGC-1L TP-1 TT1 V1 XD-1 1	1B83 TGC-1L TP-1 6144 V1 XD-1 1	R6212A	See 1883 Geiger-Mueller counter tube Phonograph pick up tube-triode See 6144 Vacuum phototube High voltage diode Obsolete, superseded by 1V Ballast tube
1A1 1A1/5E1 1A3 1A4	1A1/5E1 1A1/5E1 1A3 1A4	5E1, 1A1	See 1A1/5E1 Ballast tube Miniature HF diode Receiving tetrode amplifier (replace with 1A4P)
1A4P 1A4T	la4P la4T		Receiving pentode amplifier (nearest equivalent is 34) Receiving tetrode amplifier (Obsolete,
1A5G 1A5GT	1A5G 1A5GT	VT-124	replace with 1A4P) See 1A5GT-Replace with 1A5GT Receiving pentode power amplifier (similar to 105GT, 1T5GT, 1C5GT)
1A6 1A7G	1A6		Receiving pentagrid converter - obsolete (similar to 1C6)
1A7GT	1A7G 1A7GT	VT-147	See 1A7GT - Replace with 1A7GT Receiving pentagrid converter (similar to 1B7GT)
1AB5	1AB5	SD719	Receiving lock in type pentode amplifier
1AB6	1AB6		Miniature pentagrid converter (Dutch)
1AC4 1AC5 1AC6	1AC4 1AC5 1AC6	A4513	Subminiature twin diode Receiving subminiature pentode Miniature pentagrid converter (Dutch)
1AD4	lAD4	QF408	Receiving subminiature pentode, sharp cutoff
1AD5	1AD5		Receiving subminiature pentode
1AE4	lAE4		Miniature pentode voltage amplifier
1AE5	lAE5	QF409	Receiving subminiature mixer

	Current Service		
Tube Type	Designation	Other Number	Class Description
lAF4	1AF4		Miniature receiving pentode
1AF5	1AF5		Miniature receiving diode pentode
1AG4	1AG4		Subminiature pentode
1AG5	1AG5		Subminiature diode pentode
1AH4	1AH4		Subminiature pentode
1AH5	1AH5		Miniature diode pentode (Dutch)
1AJ4	1AJ4		R.F. pentode, button, 7 plus (Philips)
1AJ5	1AJ5		Subminiature diode pentode
1AK4	1AK4		Subminiature R.F. pentode
1AK5	IAK5		Subminiature diode pentode
1AM4	1AM4		Miniature R.F. remote cutoff pentode
			(Japanese)
IAN5	IAN5		Receiving pentode (Canadian)
1AP5	IAP5		Cathode ray tube (similar to type 913 with P-5 screen)
1AQ5	1AQ5		Pentagrid converter (Japanese)
IAR5	IAR5		Diode pentode (Japanese)
1AS5	1AS5		Diode pentode (Japanese)
1AX2	1AX2		Miniature half wave rectifier (similar to 1X2A)
1B1	1B1		Ballast tube
1B3GT	1B3GT	1B3GT/8016	Transmitting diode vacuum rectifier (replaces 8016)
1B3GT/8016	1B3GT		See 1B3GT
1E.4	1B4		Obsolete, see 1B4P
lb4G	1B4G		Obsolete, see 1B4P
1B4P	1B4P	951, 1B4P/951, 1B4G,	Receiving pentode amplifier (obsolete,
		1B4, 1B4T	replace with 32; similar to 1E5GP, 1E5GT)
1B4T	1B4T		Obsolete, see 1B4P
1B4T/951	1B4P		Obsolete, see 1B4P
1B5	1B5/25S		See 1B5/25S
1B5/25\$	1B5/25S	1B5, 25S, 25S25, 25-258	Receiving duodiode triode (obsolete)
1B7G	1B7G	.,	Obsolete; use 1B7GT
1B7GT	lB7GT		Receiving pentagrid converter. Obsolete (similar to 1A7GT)
1B8GT	1B8GT		Receiving diode triode pentode
1B21	471		See 471
	471 471A		See 471A
IB21A		WE1270V 1270V	
1B22	1B22	WE1378X, 1378X	Spark gap diode modulator
1B23	1B23	WE729A	TD tube Will conless 700D with
1B23 (WECo)	1B23	729A, WE729A, 2 779A	TR tube. Will replace 702B with
1000 (D)	1000		modification kit
1B23 (Bomac)	1B23	90/2100 VC011 DEC 20	TR tube
1B24	1B24	WX3199, X6011, REL30	TR tube
1B24A	1B24A	8053	TR tube
1B25	1B25	S853	Gas switching tube
1B26	1B26	WX3210	TR tube
1B27	1B27	V6010	TR tube
1B28	1B28	X6012	Gas switching tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
1B29 1B30 1B31 1B32 1B32/532A	1B29 1B30 1B31 1B32/532A 1B32/532A	1437GT ZG530 1391Z, 1391X GA-5, GL532A, GL	Gas switching tube Gas switching tube Gas switching tube See 1B32/532A Diode gas discharge tube
1B33 1B34 1B35 1B35A 1B35A-S 1B36 1B36A 1B37	1B33 1B34 1B35 1B35A 1B35A-S 1B36 1B36A 1B37	WL532A, 532A, 1B32 X6031 6038, ATR414 6015	Gas switching tube Spark gas diode modulator. Obsolete ATR tube. Superseded by 1B35A ATR tube. Replaces 1B35 ATR tube ATR tube ATR tube ATR tube ATR tube ATR tube
1B38 1B39 1B40 1B41 1B42 1B43 1B44	1B38 1B39 1B40 1B41 1B42 1B43 1B44	WL539A, 539A SD847A WX3240D D170135, 1438GT, FE1 SD829	Pre-TR tube Gas switching tube TR tube Series spark gap diode modulator Mercury cathode series gap Gas switching tube ATR tube
1B45 1B46 1B46/R1160A 1B47 1B48	1845 1846 1846 1847 1848	WX3240B R1160A, 1B46/R1160A CK1011A	Gas switching tube Miniature voltage regulator See 1B46 Miniature voltage regulator Cold cathode miniature gas diode rec-
1B49 1B50 1B51	1B49 1B50 1B51	WX3240G X6032 X6033	tifier, obsolete, (Replace with 5517/ CK1013) electrically interchange- able Gas switching tube TR tube ATR tube
1B52 1B53 1B54	1B52 1B53 1B54	X6035 X6036	ATR tube ATR tube ATR tube PRE-TR tube (note: This is definitely an active and available tube) TR tube
1B55 1B56 1B57	1B55 1B56 1B57	X6034	ATR tube ATR tube, similar to 1B44, 1B52, 1B53, 1B56, 1B57, 5792, 5793
1B58 1B58A 1B59 1B59/R1130B	1B58 1B58 A 1B59/R1130B 1B59/R1130B		Gas switching tube TR tube Sec 1B59/R1130B Cold cathode crator-glow modulator tube
1B60 1B62 1B63	1B60 1B62 1B63		TR tube, superseded by 1B24A Modified 721B (TR) TR tube. Replace with 1B63A

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Tube Type	Designation	Other Number	Class Description
1B63A	1B63A	X6044	Improved 1B63 (see 6597, a combined TR and shutter tube.)
1B64	1B64		Miniature voltage regulator, glow dis- charge
1B65	1B65		Gas switching TR tube
1B67	1B67	1B67/VG10A, VG10A	Counter tube, Beta-Gamma
1B67/VG10A	1B67		See 1B67
1B68	1B68	VG-13, K-11	Beta-Gamma counter tube. Replace with MK1MOD10D
1B69	1B69	lE	Gamma counter tube
1B70	1B70	1M	Gamma counter tube
1B71	1B71	4E	Gamma counter tube
1B72	1B 72	4M	Gamma counter tube
1B 7 3	1B 7 3	10E	Gamma counter tube
1B 74	1B 74	10M	Gamma counter tube
1B 7 5	BS-6		See BS-6
1B 7 6	1B 7 6	100N	Beta counter tube
1B 7 7	1B77	120C	Beta counter tube
1B 78	1B 78	150C	Beta-Gamma counter tube
1B79	1B79	150M	Beta-Gamma counter tube
1B80	5979		See 5979
1B81	1B81	200C	Alpha counter tube
1B83	1B 83	TGC-1	Beta-Gamma counter tube
1B84	1B84	TGC-2	Beta-Gamma counter tube
1B85	1B85		Beta-Gamma counter tube
1B85A	1B85A		Beta-Gamma counter tube directly interchangeable with 6833/Anton 112
1B86	1B86		Gamma counter tube
1B87	1B87	VXG-11	Miniature Gamma counter tube
1B88	1B88		Gamma counter tube
1B89	1B89		X-ray counter tube
1B90	1B90		Beta-Gamma counter tube
1B97	1B97		Counter tube
1B98 1B99	1B98 1B99		Counter tube Counter tube
1B100	1B100		Counter tube
1B100	1B100		Thyrode-Beta counter tube
1B105	1B105		Counter tube
1B106	1B106		Thyrode-Beta counter tube
1B124	1B124		Gamma counter tube
1B125	1B125		Cosmic-ray counter tube
1B126	1B126		Gamma counter tube
1C	3B22		See 3B22
1C3	1C3		Receiving triode voltage amplifier
1C4	1C4		Australian receiving pentode ampli-
			fier. Obsolete. Replaces with 1A4P
1C5G	1C5G		See 1C5GT - G - Replace with 1C5GT - G
1C5GT	1C5GT	VT-125	Receiving pentode amplifier (similar to 105GT, 1T5GT, 1A5GT)

	Current Service		
Tube Type	Designation	Other Number	Class Description
1C6	1C6		Receiving pentagrid converter (similar to 1A6)
1C7G	1C7G		Receiving pentagrid converter (similar to 1D7G) (Typed 1C5 characteristics)
1C8	1C8		teristics) Subminiature filamentary tape triode heptode converter
1C21 1CP1	1C21 1CP1		Cold cathode gas triode Miniature cathode ray tube, automatic focus
1D1 1D2 1D3 1D4G 1D4GT 1D5G	1D1 1D2 1D3 1D4G 1D4GT 1D5GP	SD1066A	(Inditron)-glow indicator tube Receiving current regulator Subminiature triode Receiving RF pentode (Australian) Receiving RF pentode (Australian) See 1D5GP
1D5GP	1D5GP	1D5G	Receiving pentode amplifier (nearest equivalent is 1D5G, similar to 1A4P and 1E5G)
1D5GT	1D5GT		Receiving tetrode amplifier (absolete, replace with 1D5GP)
1D6	1D6		Subminiature pentode, similar to 1AG4, 1AG5, 1AB4
1D7G	1D 7 G		Receiving pentagrid converter. Obsolete. Replace with 1C7G. (Type 1A6 characteristics)
1D8GT 1D21 1D21/631P1 1D85 1DN5	1D8GT 631P1 631P1 1D85 1DN5	VT-148	Receiving diode triode pentode See 631P1 See 631P1 Radiation counter tube Receiving diode pentode, 7 pin minia-
1DP	1DP	NU2163, NU2164	ture, for portable equipment Miniature cathode ray tube, electro-
1E 1E1 1E2 1E3	1B69 1E1 1E2 1E3		static focus and deflection See 1B69 Ballast tube, supersedes 1P1 Receiving current regulator British-UHF triode for transmitting
1E4G	1E4G		& receiving Receiving triode amplifier (obsolete, similar to 1G4GT, 1B4G and 1LE3). Use 1G4GT
1E5G	1E5G		Receiving screen grid RF amplifier (similar to 1D5GP). Obsolete
1E5GP	1E5GP	VT-170	Receiving pentode amplifier (type 1B4 characteristics)
1E5GT 1E7G 1E7GT	1E5GT 1E7G 1E7GT		Replace with 1K5GP Receiving twin pentode amplifier Receiving twin pentode amplifier

Tube Type	Current Service Designation	Other Number	Class Description
1E8	1E8		Subminiature pentagrid converter,
	-		similar to 1B5
1EP	1EP		Cathode ray tube, electrostatic focus and deflection
1F4	1F4		Receiving pentode amplifier (type 1F5G characteristics)
1F5G	1F5G		Receiving pentode amplifier (type 1F4 characteristics)
1F6	1F6		Receiving duodiode pentode amplifier (obsolete)
1F7G	1F7G		Receiving duodiode pentode amplifier. Obsolete. (Type 1F6 characteristics)
1F7GH	1F7GH		Receiving duodiode pentode (replace with 1F7G)
1F7GT	1F7GT		Receiving duodiode pentode (replace with 1F7G)
1F7GV	1F 7 GV		Receiving duodiode pentode (replace with 1F7G)
1F7GY	1F 7 GY		Receiving duodiode pentode (replace with 1F7G)
lG1	1G1		Receiving current regulator
1G3GT	1G3GT		Half wave vacuum rectifier
IG4G	IG4G		See 1G4GT - replace with 1G4GT
1G4GT	1G4GT		Receiving triode detector amplifier (similar to 1E4G, 1H4G)
1G5G	1G5G		Receiving pentode power amplifier (obsolete similar to 1J5G)
1G5GT	lG5GT		Receiving pentode power amplifier, obsolete
1G6G	1G6G		Obsolete. Replace with 1G6GT
lG6GT	1G6GT		Receiving twin triode amplifier
1H2	1H2		High voltage diode rectifier
1H4G	1H4G		Receiving triode detector amplifier (similar to 30, 1E4G, 1G4GT)
lH4GT	lH4GT		Receiving triode detector amplifier
lH5G	1H5G		Obsolete. Replace with 1H5GT
1H5GT	1H5GT	VT-223	Receiving diode high mu triode detec- tor amplifier
1H6G	1H6G		Receiving duodiode triode, obsolete. (Type 1B5 characteristics)
1H6GT	1H6GT		Receiving duodiode low mu triode
1H20	1H2O		Ballast tube
1H22	1H22		Ballast tube
IHT4	1HT4	6345	Ballast tube
1HTF10	lHTF10		Ballast tube
lJl ·	1 <u>J</u> 1		Receiving current regulator
1J3	lJ3		Transmitting diode for TV hi voltage
1J5G	1J5G		Receiving pentode power amplifier. Obsolete. (Replace with 1G5G or
			1J6GT if grid bias load resistance is changed)
		0	ra changea,

	Current		
	Service		G
Tube Type	Designation	Other Number	Class Description
1J5GT	1J5GT		Receiving pentode power amplifier
1J6G	1J6G		Receiving twin triode amplifier. (Type
			19 characteristics)
1J6GT	1J6GT		Receiving twin power triode
1J6GX	1J6GX		Type 1J6G with ceramic base. Obso-
IKOICOL	WOLFOR		lete. Use 1J6GT
1KO15CA	IKO15CA		Klystron
1KO15CA/G 1KO15CG	1KO15CA/G 1KO15CG		Klystron Klystron, C band
IKO15XA	lKO15XA		Klystron, X band
IKO15XC	1KO15XC		Klystron, X band
1KO15XG	IKO15XG		Klystron, X band
1K1	lKl		Receiving current regulator
1K3	1K3		High voltage diode rectifier
1K4	1K4		Receiving duodiode pentode amplifier (Australian) (Type 1K5G charac-
1450	1VEC		teristics)
1K5G	1K5G		Receiving duodiode pentode amplifier (Australian)
1K6	1K6		(Australian) Australian
1K7	lK7		Australian receiving tube
1K75CL	1K75CL		Klystron
1L1	lL1		Receiving current regulator
1L4	lL4		Receiving miniature, button RF pen- tode amplifier, sharp cut off
1L5	lL5		Australian receiving tube
1L6	1L6		Receiving miniature pentagrid converter
1L21	1L21		Vacuum capacitor
1L24	1L24		Vacuum capacitor
1L25	1L25		Vacuum capacitor
1LA4	ILA4		Receiving lock in type pentode ampli-
lLA6	1LA6		fier (Type 1A5G characteristics)
ILAU	ILAU		Receiving lock in type pentagrid con- verter (similar to 1LO6 and 1A7G)
1LB4	ILB4		Receiving power output pentode
ILB6	1LB6	1LB6GL	Receiving lock-in type pentagrid mixer
lLB6GL	1LB6		See 1LB6
ILC5	1LC5		Receiving lock-in type pentode voltage-
			amplifier
lLC6	1LC6	VT-178	Receiving lock-in type pentagrid con-
ILD5	MLD5		verter (similar to ILA6)
11,00	HLD3		Receiving lock-in type diode pentode amplifier
1LE3	1LE3	VT-239	Receiving lock-in type triode amplifier
ILE3SP/VT239	ILE3SP/VT239		Superseded by 1LF3
1LF3	1LF3		ILE3 with low grid current limits
ILG5	1LG5		Receiving lock-in type pentode voltage
			amplifier, semi remote cutoff

	Current Service		
Tube Type	Designation	Other Number	Class Description
1LH4	lLH4	VT-177	Receiving lock-in type diode triode detector amplifier (type 1H5G char- acteristics)
1LN5	1LN5	VT-179	Receiving lock-in type pentode amplifier
1M 1M3	1B70 1M3	•	 See 1B70 Electron ray tuning indicator (Canadian)
1M5 1N 1N1 1N3	1M5 1N 1N1 1N3		Australian receiving tube Gamma counter tube Receiving current regulator Electron ray tuning indicator (British) Identical to 1M3 except lead lengths
IN5G IN5GT IN5GT/G IN6G	1N5G 1N5GT 1N5GT 1N6G	VT-146, ln5GT/G	Obsolet: Replace with INSGT Receiving pentode amplifier See INSGT Receiving diode pentode power ampli-
ln6GT	1N6GT		fier (cbsolete). Use 1N6GT Receiving diode pentode power ampli- fier. Obsolete
1P1 1P5G 1P5GT 1P21	IPI IP5G IP5GT IP21		Ballast tube, replace with 1E1 Obsolete. Replace with 1P5GT Receiving pentode amplifier Vacuum multiplier phototube (selected 931A)
1P22 1P23	1P22 1P23	GL-553	Vacuum multiplier phototube Gas phototube (868/PJ23 with painted envelope)
1P24	1P24	GL-564, C7063, ZP516, 516, 936, GL-516, RCA-936	Vacuum phototube. Obsolete. (Nearest equivalent is 936)
1P25 1P25A 1P25G 1P28	1P25 1P25A 1P25G 1P28	C7493, L-B13	Phototube Selected 1P25, phototube Phototube. Obsolete Photo multiplier (ultraviolet responsive 931A)
1P29 1P30	1P29 1P30	FG401, FJ401 CE2C, 71A3	Gas phototube (violet-green sensitive) Gas phototube (red, infra-red sensitive)
1P31	1P31	CE3D, WE3A, 79A4, G10, 3A	Gas phototube (red, infra-red sensi- tive)
1P32 1P33	927 1P33	CE26D	See 927, improved version Gas phototube (red infra-red sensitive)
lP34	1P34	CE48	Gas phototube (red infra-red sensitive)
1P35	1P35	1P35/52A3, 52A3	Gas phototube (red infra-red sensitive)
1P35/52A3	1P35		See 1P35

	Current Service		,
Tube Type	Designation	Other Number	Class Description
1P36	1P36	58A3, CE4C	Gas phototube (red infra-red sensitive)
1P37	1P37	C7106	Gas phototube, blue sensitive
1P38	1P38		Photo electric cell
1P39	1P39		Vacuum phototube blue sensitive. Im- proved 929
1P40	1P40		Gas phototube, infra-red sensitive
1P41	lP41		Gas phototube, infra-red sensitive. Similar to 924
1P42	1P42		Vacuum phototube, blue sensitive
1Q1	1Q1		Receiving, current regulator
1Q5G	1Q5G		Obsolete. Replace with 1Q5GT
1Q5GT	1Q5GT		Receiving pentode power amplifier (similar to 1C5GT, 1T5GT, and 1A5GT)
1Q6	1Q6		Subminiature filamentary type diode pentode detector amplifier
1Q21	1Q21		Reference cavity, tunable
1Q22	1Q22		Reference cavity, tunable
1Q23	1Q23		Reference cavity, tunable, 5846 similar
1Q24	1Q24		Reference cavity, 6040 similar
1Q25	1Q25		Reference cavity
1Q26	1Q26 .		Reference cavity
1Q26A	1Q26A		Reference cavity, tunable, 5846 similar
134	1R4/1294		See 1H4/1294
1R4/1294	1R4/1294	1R4, 1294, VT-183	Receiving lock-in type UHF diode de- tector rectifier
1R5	IR5	VT-171	Receiving miniature type pentagrid converter, similar to 1E8
IR6	1R6	VC1568	Miniature filamentary reactance modulator
1P21	1R21	GL415, 5550	Mercury pool rectifier ignitron, forced air cooled
1RBL	1RBL	CEIRBL, NUIRBL	Phototube. Same as NUI except for basing
1RBS	1RBS	59AP, CE1RBS, NU1RBS	Phototube. Same as NUI except for basing
181G	1S1G		Receiving current regulator
1\$2	1S2	1S2Å	Miniature high vacuum single anode rectifying tube for TV receivers. Canadian
1S2A	1S2A	1S2	Miniature high vacuum single anode rectifying tube for TV receivers. Canadian
154	1S4	VT-210	Receiving miniature type pentode power amplifier
185	185	VT-172	Miniature type diode pentode detector, similar to 1U5

	Current Service		
Tube Type	Designation	Other Number	Class Description
1S6 1S22 1SA6GT 1SB6GT 1T1G 1T2	1S6 1S22 1SA6GT 1SB6GT 1T1G 1T2		Subminiature diode pentode Vacuum switch Receiving RF pentode. Obsolete Receiving diode pentode. Obsolete Receiving current regulator Diode, high voltage vacuum half wave rectifier. British
1T4	1T4	VT-173	Receiving miniature pentode RF amplifier remote cut off
1T5GT	1T5GT		Receiving tetrode power amplifier (similar to 1Q5GT, 1C5GT, 1A5GT)
1 T 6	1T6		Receiving subminiature diode AF pentode
1U1 1U4 1U5	1U1 1U4 1U5	DT153	Receiving current regulator Miniature version of 1LN5 pentode Miniature type diode pentode, 1S5 with new basing
1U6 1V	1U6 1V	6Z3	Miniature pentagrid converter Receiving half wave high vacuum di- ode rectifier
1V2	1V2		Miniature high voltage half wave rectifier
1 V 5	1 V 5		Subminiature filamentary type pen- tode amplifier
1V6	1V6		Subminiature triode pentode. (converter)
1W1 1W4	1W1 1W4		Ballast tube Miniature pentode power amplifier
1W5	1W5	SD828F	Subminiature filamentary type pen- tode RF amplifier, sharp cutoff
1X2	1X2		Miniature half wave high voltage rec- tifier (version of 1B3GT/8016)
1X2A 1X2B 1Y1	1X2A 1X2B 1Y1		Improved 1X2. Superseded by 1X2B Miniature diode Receiving current regulator
1Y2 1Z1	1Y2 1Z1		High voltage half wave rectifier Ballast tube
1Z2	1Z2	R1045	Miniature type diode vacuum rectifier
A2 ARD 2 B2A BL2 BS2 BS2/5980 CE2 CE2A/B CE2C	A2 VR78 (Br.) 2050 BL2 5980 5980 CE2A/B, C, D CE2A/B 1P30		X-ray diffraction tube (cooper target) See VR78 (Br.) See 2050 TR tube See 5980 See 5980 Phototube. See CE2C Phototube See 1P30
CE2D	CE2D		Gas phototube, red infra-red

	Current Service		
Tube Type	Designation	Other Number	Class Description
2-240A	2-240A		Half wave high vacuum rectifier, similar to UH-576X
2-250A/250R	250R		See 250R
2-2000A	2-2000A		High vacuum rectifier
2A	2A		Transistor
2A3	2A3	VT-95	Receiving triode power amplifier (Similar to 6A3, 45) See also 5930. Not directly interchangeable.
2A3A	2A3A		Obsolete-superseded by 5930
2A3H	2A3H		Obsolete cathode type
2A3W	5930		See 5930 (ruggedized version of 2A3)
2A4G	2A4G		Thyratron, gas triode
2A5	2A5	PZH	Receiving pentode power amplifier
2A6	2A6		(Type 42 characteristics) Receiving duodiode triode detector amplifies (Type 75 physostopics)
2A7	2A7		plifier (Type 75 characteristics) Receiving pentagrid converter - obso-
2A21	2A21		lete (Type 6A7 characteristics)
2A22	2A22		Ballast tube
2AC15	2AC15		Ballast tube
ZACIS	27013		Receiving diode rectifier, electrically interchangeable with X6030 which has local base
2AF4	2AF4		Miniature medium mu triode converter
2AF4A	2AF4A		Miniature medium mu triode similar to 6AF4
2AF4B	2AF4B		Miniature medium mu triode, similar to 2AF4
2AP1	2AP1	1814P1, C7483, C7418	Cathode ray tube, superseded by 2AP1A
2AP1A	2AP1A		Cathode ray tube, electrostatic focus and deflection
2AP1W	2AP1W		Ruggedized version of 2AP1
2AS15	2AS15		Receiving high vacuum diode rectifier
2B3	2 B3		Receiving diode, version of 1B3-GT
2B4	2B4		Gas triode, similar to 884 and 885
2B5	2B5		Subminiature double triode
2B6	2B6		Receiving amplifier (obsolete)
2B7	2B7		Receiving duodiode pentode detector
2 0.			amplifier (Type 6B7 character- istics)
2B14	2B14		Ballast tube
2B21	2X2A		See 2X2A
2B22	2B22		Receiving diode UHF detector, modified 559
2B23	2B23		Receiving magnetically controlled diode
2B24	2B24	QF197	Subminiature diode, filament type, flat press

`	Current Service		
Tube Type	Designation	Other Number	Class Description
2B24A 2B25	2B24A 2B25	CK1091, 1091	Subminiature diode Receiving - Miniature type diode vacuum rectifier. Obsolete
2B26	2B26	866JR	Transmitting diode gas rectifier (equivalent to 816 except plate terminal is on base)
2B27 2B35	2B27 VR92 (Br.)	ZP447, REL35	Receiving UHF diode detector 2B35 cancelled by RMA - See VR92 (Br.)
2B36	VR78 (Br.)		2B36 cancelled by RMA - See VR78 (Br.)
2BN4	2BN4		Miniature medium mu triode with controlled warm up time, similar to 6BN4
2BN4A	2BN4		Miniature medium triode similar 6BN4
2BP1	2BP1		Cathode ray tube, electrostatic focus and deflection
2BP1A	2BP1A		Cathode ray tube, electrostatic focus and deflection
2BP7 2BP11	2BP7 2BP11		Cathode ray tube. Obsolete Cathode ray tube, electrostatic focus and deflection
2BT 2C4	2BT 2C4	EE2BT	High vacuum diode rectifier Miniature thyratron, gas triode, button type
2C21	2C21	RK33, 1642, 2C21/1642	Transmitting and receiving twin triode
2C21/1642	2C21		See 2C21
2C22 2C23	2C <i>2?</i> 10Y		Transmitting and receiving HF triode amplifier (similar to 7193) See 10Y
2C24 2C25	2C24 VT25A	HY-144, HY114	Receiving UHF triode See VT25A
2C26	2C26	D-10	Superseded and replaced by 2C26A
2C26A	2C26A	QF200C	Transmitting UHF triode Subminiature triode
2C27 2C28	2C27 2C28	SA780	Subminiature triode
2C29	2C29	X102G	Transmitting UHF triode amplifier
2C29WA	2C29WA	7289	Transmitting UHF triode amplifier
2C30	2E30	, 400	See 2E30
2C31	2C31	X102L	Transmitting UHF triode amplifier. Never made
2C32	2C32		Transmitting UHF special purpose
2C33	2C33	RX233, RX233Å	Thyratron
2C34	2C34	RK34, CV18, CV18 (Br), DET19	Transmitting twin triode. Nearest equivalent are British CV18, DET19, VT61, VT61A and VT61B
2C35	2C35	QF-215	Receiving UHF triode oscillator

	Current Service		
Tube Type	Designation	Other Number	Class Description
2C36	2C36	SB846	Transmitting UHF triode (similar to SB846A,B)
2C37 2C38	2C37 2C38	SB846A L-30-C	Probeless version of 2C36 Receiving UHF triode oscillator. Similar to 2C39
2C39 2C39A 2C39B 2C39WA 2C39WB 2C40	2C39WA 2C39WA 2C39WB 2C39WA 2C39WB 2C40	X474 2C39A, 3X100A11 3CX100A5, 2C39B A2229A, REL34, 2179A	Superseded by 7289. See 7289 Receiving UHF triode. Replaces 446, 446A, and 446B
2C40A 2C41 2C42 2C43	2C40A 7289 2C42 2C43	ZP602, L-30-P A2293C GL464A, ZP6B, 464,	UHF triode, lighthouse type See 7289 Special 2C43 Transmitting and receiving UHF tri-
2C44	2C44	A2222, ZP464, 464A, A2203 GL464	ode amplifier. Replaces 464, 464A, and 2C44 Transmitting and receiving UHF tri- ode amplifier oscillator (superseded
2C45 2C46 2C47	38142 2C46 2C47	A2294C	by 2C43) See 39142 Selected 2C43
2C48	2C48	QL134	Special twin triode (designed to supersede 7C5 for certain servo amplifier applications) See 2C50
2C49 2C50	2C49 2C50	Z682 CK1800	Pulse version of 2C40 Identical to 2C48 except triode connections are brought out independently. See also TE 19
2C51	2C51	1491, 396A, 2C51/396A	Miniature twin triode. See also 5670 and 6185. Not interchangeable
2C51/396A 2C51W 2C52	2C51 5670 2C52		See 2C51 See 5670 Receiving high Mu double triode. See also TE-20
2C53 2CY5	2C53 2CY5	M1060	High voltage triode Receiving sharp cutoff tetrode, miniature
2D21	2D21	2D21/R6200	Miniature thyratron. See also 5727/2D21W
2D21/R-6200 2D21W 2D28 2D29 2DF4 2E5	2D21 2D21W 2D28 2D29 2DF4 2E5	SA782B, GE-NS4	See 2D21 Thyratron, gas tetrode Receiving type special purpose Subminiature thyratron Receiving filiamentary pentode Electron ray tuning indicator (Type 6E5 characteristics)
2E21	2E21		Receiving type special purpose tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
2E22	2E22	TS70, DT-70, TR70	Transmitting pentode
2E24	2E24		Transmitting beam power amplifier
2E25	2E25	D25	Transmitting tetrode amplifier oscil-
2020	2020	D 2 5	lator (improved 65)
2E25A	2E25A		Improved 2E25
2E26	2E26	6893	Transmitting beam power amplifier, equivalent to 6893
2E27	2E27	QF206	Subminiature pentode. Superseded by 2E29
2E28	2E28	HY-145ZT	Receiving subminiature type pentode
2E29	2E29	SA781A	Receiving subminiature type pentode
2E30			
ZE3U	2E30	HD59, 2C30	Miniature filamentary type beam tetrode
2E31	2E31	553AX	Subminiature radio frequency pen-
			tode-long leads
2E32	2E32	553AY	Subminiature radio frequency pen- tode-short leads. Use 2E31
2E35	2E35	502AX	Subminiature power pentode - long leads
2E36	2E36	502AY, CK502AX	Subminiature power pentode - short leads. Use 2E35
2E41	2E41	551AX	Subminiature diode pentode - long leads
2E42	2E42	551AY	Subminiature diode pentode - short leads. Use 2E41
2EA5	2EA5		Sharp cutoff miniature tetrode
2EN5 .	2EN5		Miniature double diode
2F21	2F21	C7364	Small cathode ray monoscope tube, improved version of 1899
2FV20	2FV20		Oscillator (medical and surgical)
2G5	2G5		Electron ray tuning indicator (type
			6U5/6G5 characteristics)
2 G21	2G21	555AX	Subminiature triode heptode - long
2022	2022	555.137	leads, similar to 6K8
2G22	2G22	555AY	Subminiature triode heptode - short leads. Use 2G21
2H8	2H8		Ballast tube
2H21	2H21		Phase modulator for FM
2J2	2J2		Miniature diode (British)
2J2l	2J21	WL442, D2RN1, Y2, D2, WL422, 442	Replace with 2J21A
2J21A	2J21Å		Magnetron. Supersedes 2J21
2J22	2J22	J-714, J1, 714	Magnetron See 2J52
2J23	2J23	K-0	Magnetron
			2
2J24	2J24	K-0	Magnetron
2J25	2J25	K-0	Magnetron
2J26	2J 2 6	K-0	Magnetron. May be replaced with 2J58
2J27	2J27	K-O	Magnetron. May be replaced with 2J58

	Current		
Tube Type	Service Designation	Other Number	Class Description
2J28	2J28	K-0	Magnetron
2J29	2J29	K-0	Magnetron
2J30	2J30	K7	Magnetron. See also 2J66
2J31	2J31	K7	Magnetron. See also 2J67
2 J32	2J32	K7RF4, WL441	Magnetron. See also 2J68
2J33	2J33	K7	Magnetron. See also 2J69
2J34	2J34	K7	Magnetron
2J35	2J35		Magnetron. Obsolete
2J36	2J36		Magnetron
2J36A	2J36A		Magnetron
2J37	2J37		Magnetron, obsolete
2J37A	2J37A		Magnetron. Tunable 2J37
2J38	2J38		Packaged Magnetron
2J39	2J39		Packaged Magnetron
2J 4 0	2J40		Magnetron
2J41	2J41	A121, A2116	Packaged Magnetron, tunable
2J42	2J42	LVX, 6001, LD2, A116	Packaged Magnetron
2J42A	6027		See 6027, for high altitude version see 6527
2 J 4 2H	2J42H		Magnetron, fixed frequency, pulsed, air cooled.
2J43	2J43		Magnetron
2J44	2J44		Magnetron
2J45	2J45	505	Packaged Magnetron
2J46	2J46	505	Packaged Magnetron
2J 4 7	2J47	DRH505,505	Magnetron
2J48	2J48		Magnetron
2J49	2J49	1392M	Magnetron
2J50	2J50	1393M	Magnetron
2J51	2 J51	1424MQ, 1424M	Magnetron. Tunable 725
2J51A	2J51A		Magnetron, pulsed, tunable, air cooled
2J51W	QK237		See QK237
2J52	2J52		Magnetron. Tunable 2J22
2 J53	2J53	2J53/725A	Magnetron. Improved 725A, fixed
			frequency, pulse type
2J53/725A	2J53		See 2J53
2J54	2J54		Magnetron
2J54Å	2J54A		Magnetron
2J54B	2J54B		Magnetron
2 J55	2 J55	QK47	Packaged magnetron, fixed tuned, pulsed
2J56	2J56		Packaged magnetron, pulsed, air cooled, fixed frequency
2J57	2J57		Magnetron. Obsolete
2 J58	2J58		Magnetron. Tunable 2J26-27, fixed frequency
2J59	2J5 9	•	Magnetron, tunable, pulsed
2J60	2J60		Magnetron
			-

	Current Service		
Tube Type	Designation	Other Number	Class Description
2J61	2J61		Magnetron. Replaces 705AY-DY inclusive. Obsolete, superseded by 2J61A
2J61A 2J62	2J61A 2J62	706T1	Improved version of 2J61 Magnetron. Replaces 706DY-GY inclusive. Obsolete, superseded by 2J62A
2J62A	2J62A		Improved version of 2J62
2J64	2J64	A124	Forced air-cooled tunable magnetron
2J65	2J65	Vort i	Type 2J41 without stabilizer Magnetron. Tunable 2J30
2J66	2J66	K7T1	Magnetron. Tunable 2330 Magnetron. Tunable 2331
2J67	2J67	K7T2	Magnetron. Tunable 2J32
2J68	2J68	K7T3 K7T4	Magnetron. Tunable 2J33
2J69 2J70	2J69 2J70	K/14	Packaged Magnetron, fixed frequency, pulsed
2J71	2J71		Packaged Magnetron
2K21	2K21	WL421, 421C, 421	Klystron
2K22	2K22	140CXQ	Klystron
2K23	2K23	1428XQ	Klystron, CW oscillator
2K24	2K24	1409XQ	Klystron
2K25	2K25	1410XQ, 2K25/723A/B, 723A/B	Reflex Klystron oscillator, output power 1.3 watts
2K25/723A/ B	2K25		See 2K25
2K25/723A	2K25		See 2K25
2K25/723B	2K25		See 2K25
2K25W	2K25W	14140 141040	Ruggedized version of 2K25. Never made
2K26	2K26	1411XQ, 1412XQ	Klystron
2K27	2K27	1413XQ	Klystron. Obsolete
2K28	2K28	QK28, QK28	Klystron equivalent to 707B except for height
2K28A	6133	141490 141590	See 6133
2K29	2K29	1414XQ - 1415XQ	Klystron
2K30	2K30	Smorm, 411	Klystron Klystron
2K31	2K31	Sperry 411 412	Klystron, S band
2K32	2K32	QK33	Klystron
2K33	2K33	QNSS	Klystron. Obsolete. Use 2K33
2K33A	2K33Å 2K33B		2K33 with hand control knob
2K33B	2K34		Klystron
2K34	2K35		Klystron
2K35 2K36	2K36	416	Klystron. See also 2K47
2K37	2K37	•••	Klystron
2K37 2K38	2K38	418	Klystron
2K39	2K39	419B	Klystron oscillator, 7.5 to 10.3 KMc, P.O.1/4W minimum
2K40	2K40	1280CT, D164694	Klystron
2K41	2K41		Improved version of 417B, forced air cooled

	Current		,
Tube Type	Service Designation	Other Number	Class Description
2K42	2K42	XG8071	CW Klystron oscillator
2K43	2K43	XG7893	Reflex Klystron oscillator
2K44	2K44	XG8072	Reflex Klystron oscillator
2K45	2K45	1407XQ	Klystron. See QK258
2K46	2K46		Klystron
2K47	2K47		Klystron. Similar to 2K36
2K48	2K48	1429CT8	Klystron
2K49	2K49	1429CT9	Klystron. Obsolete. Use 2K48
2K50	2K50	1462, 1364XQ	Klystron
2K51	2K51	WX3243A	Klystron
2K52	2K52	WX3243B	Klystron
2K53	2K53	WX3243C	Klystron
2K54	2K54	1468	Klystron
2K55	2K55	1469	Klystron
2K56	2K56	397A	Klystron
2K57 2KB72	2K57		Klystron
2P21	2KB72	Carra Carra	Obsolete. Use 2P23
2P21 2P22	2P21 2P22	C7557A, C7557	Television pick-up tube
2P22 2P23	2P22 2P23		Smaller version of 2P21
2523	2723		Television pick-up tube, infra red
2Q28	2K28		response
2RA3	CE213		See 2K28
2RA5	CE215 CE205		See CE213
2RA6	CE205 CE206		See CE205
2RA15	CE215		See CE206
2RBS	2RBS		See CE215
21100	21100		Phototube (same as NU2 except for basing)
2S	2S/4S		See 2S/4S
2S/4S	2S/4S	2S, 4S	Duodiode detector (obsolete)
2S/M1 5	2S/M15	:	Emission limited diode, receiving tube Equivalent to 6T4
2T4	2T4		Receiving miniature UHF triode for TV
2TA6	2TA6		Line time base output pentode (Dutch)
2V	2V	CE-2V, NU-2V	Phototube
2V2	2V2		High voltage, diode TV rectifier
2V3G	2V3G		Special purpose diode vacuum rectifier
2W3	2W3		Receiving diode rectifier
2W3GT	2W3GT		Receiving diode rectifier
2X2	2X2	143D, 879, 2X2/879	Special purpose diode vacuum recti- fier - See 2X2A
2X2/879	2X2		See 2X2
2X2A	2X2A	2B21, H2-10	Improved 2X2 Ruggedized version of 2X2A. Never made
2X2W	2X2W		Ruggedized version of 2X2A. Never made
2Y2	2Y2		Obsolete - similar to type 2X2

	Current Service		
Tube Type	Designation	Other Number	Class Description
2Z2 2Z2/G4 BCT-3 BL3 BR-3 BS-3 C3A14	2Z2/G84 2Z2/G4 BCT-3 BL3 5835 BS-3 EL-C3A14	G84 2Z2	Receiving diode rectifier (obsolete) Receiving diode rectifier (obsolete) British cathode ray tube TR tube See 5835 Geiger-Muller counter tube Thyratron, gas filled, indirectly-heated cathode
C3A14W C3H	EL-C3A14W C3H		Thyratron, inert gas Grid control rectifier tube, tantalum anode
C3J C3J-A C3P14 C3R14 C3R14 CE3A/B CE3C CE3C CE3C CE3D CE3E DHA-3 EE 3B27 EL3B EL3C ELC3J/L ELC3L	5632/C3J 5684/C3J/A C3P14 C3R14 CE3A/B CE3C 3C23 1P31 CE3E DHA-3 3B27 EL3B 4B24 5632/C3J 7216 6982	WG3A, 79A, 803A	See 5632/C3J See 5684/C3J/A Gas filled thyratron Xenon filled thyratron Phototube Phototube See 3C23 See 1P31 Phototube Traveling wave amplifier See 3B27 Half wave gas rectifier See 4B24 See 5632/C3J See 7216 See 6982
EM3GA GB-3 GV3A-950 GV3A-2500 GV3B-700 HA-3E HA-3RA ML3W NB3 NE3 P3 PAX-3 PM3 REL3B	EM3GA GB-3 GV3A-950 GV3A-2500 GV3B-700 HA-3E HA-3RA ML3W NB3 NE3 P3 PAX-3 PM3 310A	M2203D	Electrostatic storage tube Magnetron Corona Voltage Regulator Corona voltage regulator Corona voltage regulator Traveling wave tube Traveling wave tube Rectifier (medical and surgical) Ballast tube (obsolete) Unbased argon lamp Hearing aid tube Magnetron, tunable, X band Power measurement lamp See 310A
REL3BX REL3C	REL3BX CV38	3BHP	Transmitting UHF oscillator (Canadian) See CV38
REL3D	NT98	UK310P, 315D, E1189, W2510	See NT98
REL3DX RV3 WE3A WG3A	CV56 RV3 1P31 CE3A/B		See CV56 CW Magnetron, K band, tunable See 1P31 See CE3A/B

	Current		·
	Service		
Tube Type	Designation	Other Number	Class Description
X-3	X-3		Ceramic type 2C39*
3	3		Receiving ballast tube
3-4	3-4		Ballast tube
3-15A3/15E	15E		See 15E
3-16	3-16		Receiving ballast tube
3-25A3/25T	HK24		See HK24
3-25D3/25TG 3-38	3C24		See 3C24
3-38A	3-38 A-38A		Ballast tube Ballast tube
3-40	3-40		Ballast tube
3-50	3-50		Ballast tube
3-50A	3-50A		Ballast tube
3-50A4/35T	35T		See 35T
3-50D4/35TG	35TG		See 35TG
3-50G2/UH50	UH50		See UH50
3-50J4/53A	53A		See 53A
3-50M2/UH51	UH51		See UH51
3-75A2/75TL	75TL		See 75TL
3-75A3/75TH	75TH		See 75TH
3-100A2/100TL	100TL		See 100TL
3-100A4/100TH 3-100D2/VT127A	100TH VT127A		See 100TH See VT127A
3-100E3/227A	227A		See 227A
3-100E3/22/A 3-100G3/327A	327A		See 327A
3-100G3/327R	327B		See 327B
3-150A2/152TL	152TL		See 152TL
3-150A3/152TH	152TH		152TH
3-200A3	3-200A3		See also 592, Triode power amplifier
			oscillator
3-250A2/250TL	250TL		See 250TL
3-300A2/304TL	304TL		See 304TL
3-300A3/304TH	304TH		See 304TH
3-300A4/527	527		See 527
3-400Z 3-450A2/450TL	8163 450TL		See 8163 See 450TL
3-450A4/450TH	450TH		See 450TH
3-750A2/750TL	750TL		See 750TL
3-1000A4/1000T	1000UHF		See 1000UHF
3-1000Z	8164		See 8164
3-1500A3/1500T	1500T		See 1500 T
3-2000A3/2000T	2000T		See 2000T
3A	1P31		See 1P31
3A1	3A1		Pentode gas rectifier (Ignition,
212	212		obsolete)
3A2	3A2		Half wave rectifier
3A3 3A4	3A3 3A4		Half wave rectifier
3A5	3A5		Miniature button pentode amplifier Miniature twin triode
3A8GT	3A8GT	VT-149	Receiving diode triode pentode
3A20	3A20		Ballast tube
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Tube Type	Current Service Designation	Other Number	Class Description
3ABP	3ABP		Cathode ray tube, flat face, electro-
3ACP	3ACP	K1105	static focus and deflection, two guns inch, Cathode ray tube, electrostatic focus and deflection, one gun
3ADP	3ADP	K1065	3 inch, Cathode ray tube, electrostatic
3AF4A	3AF4A		focus and deflection, one gun. Receiving, miniature triode, similar to
3AHP	3AHP		6AF4A except heater. Cathode ray tube, rectangular, electrostatic focus and deflection, one gun, 3, inch diameter
3AKP	3AKP		Cathode ray tube, magnetic deflection, electrostatic focus
3AL5	3AL5		Miniature receiving double diode simi- lar to 6AL5
3AP	3AP	2501A3, C3, D3, 34XH, C7350, 906P	Cathode ray tube, electrostatic focus and deflection, one qun.
3AQP	3AQP	C/330, 900P	Cathode ray tube, electrostatic focus and deflection
3ASP	3ASP		Cathode ray tube, rectangular,
3AV6	3AV6		electrostatic deflection and focus Receiving tube for series string, simi- lar to 6AV6 (except heater)
3B 3B2 3B4 3B4WA 3B5GT 3B7 3B7/1291 3B7SP 3B21 3B22 3B23 3B24 3B24W 3B24WA 3B24WB 3B24WB	3B 3B2 3B4 3B4WA 3B5GT 3B7 3B7 3B7 3B7 3B7 3B21 3B22 3B23 3B24 3B24W 3B24WA 3B24WB 3B24WB	HD30 1291, 3B7/1291, VT-182 EL-302.5 EL1C, 1C, CE222 RK22 732A, WE732A, 428T, CE230, 1299XQ, 429T	Half wave, gas rectifier Half wave vacuum rectifier Receiving power pentode Receiving power pentode Receiving pentode power amplifier Receiving lock in type UHF twin triode amplifier See 3B7 H-F Triode, receiving Obsolete. Replace with 3B22 Transmitting duodiode gas rectifier (nearest equivalent is 3B21) Transmitting duodiode vacuum rectifier Transmitting diode vacuum rectifier (modified 705A, See 72) Ruggedized version of 3B24. Improved 3B24WA Improved 3B24WA Transmitting diode gas rectifier (Replaced with 3B28)
3B26	3B26	QK36	Special purpose diode, 73 with uni- potential cathode. See QK95
3B27	3B27	EE3B27	Obsolete. Transmitting diode vacuum rectifier (improved 836), similar to 3B28.

Tube Type	Current Service Designation	Other Number	Class Description
3B28	3B28		Transmitting diode gas rectifier -
3B28A 3B29	3B28A/6277 3B29	6 <i>277</i> QK95	similar to 3B25, 3B27, 836, 866A See also 6277. Inert gas HW rectifier High vacuum clipper diode. Improved 3B26
3B29W 3B/501A/CV49 3BA6	3B29W 3B/501A/CV49 3BA6	CV49	Improved 3B29 See CV49 Receiving remote-control pentode, miniature similar to 6BA6, and 12BA6, except filaments
3BFP	3BFP		Cathode ray tube, electrostatic focus and deflection
3BGP	3BGP		Cathode ray tube, rectangular, electrostatic focus and deflection
3BN4	3BN4		Miniature triode, for series string
3BN4A	3BN4A		applications Miniature receiving triode, similar 3BN4
3BP1	3BP1		Cathode ray tube, electrostatic focus
3BP1W	3BP1W	C7488B	and deflection Zero Ibl version of 3BP1 Ruggedized version of 3BP1. Never made
3BP	3BP		Cathode ray tube, electrostatic focus and deflection
3BU8 3BZ6	3BU8 3BZ6		Miniature medium mu triode Receiving tube for series string application, see also 6BZ6
3C 3C2	4B24 3C2		See 4B24 Diode for TV high voltage
3C4 3C5GT 3C6	3C4 3C5GT 3C6		applications Miniature output pentode (Dutch) Receiving power output pentode Receiving lock in type twin triode amplifier
3C21 3C22	120 3C22	522, GL522, ZP522	See 120 Transmitting UHF triode amplifier
3C23	3C23	CE3C23, CE311,	oscillator Thyratron (similar to 393Å)
3C24	3C24	NL3C23 HK24G, 25TG,	Transmitting UHF triode (Type 25T
3C25	3C25	3-25D3/25TG	with grid at side) Transmitting UHF special purpose.
3C26 3C27	3C26 3C27	X129D	Obsolete. Use 8025A Transmitting UHF triode amplifier Transmitting triode UHF oscillator. Obsolete. Use 3C37. (Similar to
3C27A	3C27A		British CV55 and E1458) 3C27 designed for higher duty cycle. Obsolete. Use 3C37

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	Current Service		
Tube Type	Designation	Other Number	Class Description
3C27B	3C27B		3C27 with grid radiator. Obsolete. Superseded by 3C37
3C28	3C28		Transmmtting HF triode amplifier (3C24 with 2 grid leads)
3029	3C29	ZP449	Transmitting UHF triode amplifier- oscillator (superseded by GL522, now the 3C22)
3030	3C30	HD50	6.0 volt filament version of HY30Z (Class B Audio amplifier)
3C31/C1B	3C31/C1B 3C31/C1B	C1B, CE303, ELC1B, 3C31	See 3C31/C1B Thyratron. Superseded by 5664
3C31A	3C31A		Thyratron
3C32	3C32	A2214B	Transmitting UHF triode amplifier
3C33	3C33		Transmitting, twin triode
3C34	HK24		Hydrogen thyratron-transmitting tri- ode power amplifier oscillator (3C24 with grid lead in base) -See HK24
3C36	3C36	R1001	Transmitting UHF coaxial triode oscillator and amplifier, water and forced air cooled
3C37	3C37	3X150A3/3C37	Transmitting triode, modified 3C27 and 3C27A
3C45 3C45/6130	3C45 6130	H45, ZG547, 513 7	Thyratron. Hydrogen. See 6130 See 6130
3C45W 3CE5	3C45W 3CE5		Ruggedized version of 3C45 States Miniature receiving historians and action of 3C45 States and a
			ance, sharp cut off pentode, similar to 4CE5 and 6CE5
3CF6	3CF6		Receiving sharp cut off pentode
3CP 3CP1-S1	3CP 3CP1-S1	1808P, C7332	Cathode ray tube Cathode ray tube with decalcomania
3CS6	3CS6		inscription Receiving, miniature, dual control heptode, similar to 6CS6
3CX100A5	7289		See 7289
3CX100F5	8250		See 8250
3CX10000A3	8159		See 8159
3CX10000A7	8160		See 8160
3CY5	3CY5		Sharp cut off tetrode, miniature, similar to 4CY5, 6CY5, 2CY5
3D6 3D6/1299	3D6/1299 3D6/1299	1299, 3D6, VT-185	See 3D6/1299 Receiving UHF pentode amplifier
3D21	3D21	D21, H5015	(similar to 3LF4) Transmitting tetrode modulator (superseded by 3D21A)
3D21A	3D21A		Improved version of 3D21, ST-14 envelope
3D21B	3D21B		3D21A with T-12 envelope

Tube Type Designation Other Number Class Description Improved 3D21A, superseded by 3D21WB, see also 7403 Improved 3D21B, see also 7403 Improved 3D21B Improved version of 3D22, of st construction Intransmitting tetrode amplifier of lator Intransmitting tetrode amplifier of lator Intransmitting special purpose See CV56 Improved version of 3D22, of st construction Improved 3D21A, superseded by 3D21WB Improved 3D21B Improved 3D21B	
3D21WA 3D21WB 3D21WB 3D22	
3D21WB, see also 7403 3D21WB 3D21WB 3D22 3D22 Thyratron (tetrode), gas filled 3D22A 3D22A Improved version of 3D22, of st construction 3D23 3D23 TB35 Transmitting tetrode amplifier of lator 3D24 3D29 Transmitting tetrode amplifier of lator 3D29 3D29 Transmitting special purpose 3DHP CV56 See CV56 3DK6 3DK6 Sharp cut off pentode, for HF and fier, similar to 4DK6, 6DK6 3DP1 3DP1 ZP526, C7497 Cathode ray tube, electrostatic and deflection 3DP1A 3DP1AS1 Zero Ib1 version of 3DP1 with decalcomania 3DP1AS2 3DP1AS2 Zero Ib1 version of 3DP1 with decalcomania 3DP1	,
3D22 3D22 3D22 Improved version of 3D22, of st construction 3D23 3D23 TB35 Transmitting tetrode amplifier of lator 3D24 3D29 3D29 Transmitting special purpose See CV56 3DK6 3DK6 Sharp cut off pentode, for HF amplifier, similar to 4DK6, 6DK6 3DP1 3DP1 ZP526, C7497 Cathode ray tube, electrostatic and deflection 3DP1AS1 3DP1AS2 Zero Ib1 version of 3DP1 with decalcomania 3DP1	
3D22A 3D23 3D23 3D23 3D23 TB35 Transmitting tetrode amplifier of lator 3D24 3D29 3D29 3DHP CV56 3DK6 3DK6 3DP1 3DP1A 3DP1AS1 3DP1AS2 3DP1AS2 3DP1AS2 Improved version of 3D22, of streen construction Transmitting tetrode amplifier of lator VHF, Transmitting special purpose See CV56 Sharp cut off pentode, for HF and fier, similar to 4DK6, 6DK6 Cathode ray tube, electrostatic and deflection Zero Ib1 version of 3DP1 with decalcomania Zero Ib1 version of 3DP1 with decalcomania Zero Ib1 version of 3DP1 with decalcomania Cathode ray tube, electrostatic and deflection for oscillagrage applications	
Construction 3D23 3D23 TB35 Transmitting tetrode amplifier of lator VHF, Transmitting tetrode Transmitting special purpose See CV56 3DK6 3DK6 3DK6 3DP1 3DP1 3DP1 3DP1AS1 3DP1AS2 3DP1AS2 3DP1AS2 3DP1AS2 Construction Transmitting tetrode amplifier of lator VHF, Transmitting special purpose See CV56 Sharp cut off pentode, for HF and fier, similar to 4DK6, 6DK6 Cathode ray tube, electrostation and deflection Zero Ibl version of 3DP1 Zero Ibl version of 3DP1 with decalcomania Zero Ibl version of 3DP1 with decalcomania Cathode ray tube, electrostation and deflection for oscillagram applications	urdy
3D24 3D24 VHF, Transmitting tetrode 3D29 3D29 Transmitting special purpose 3DHP CV56 See CV56 3DK6 3DK6 Sharp cut off pentode, for HF ar fier, similar to 4DK6, 6DK6 3DP1 3DP1 ZP526, C7497 Cathode ray tube, electrostatic and deflection 3DP1A 3DP1AS1 Zero Ibl version of 3DP1 3DP1AS2 3DP1AS2 Zero Ibl version of 3DP1 with decalcomania 3DP	
3D29 3D4P 3D4P 3D56 3D66 3D66 3D66 3D66 3D76 3D76 3D76 3D7	SCII-
3DHP CV56 3DK6 3DK6 Sharp cut off pentode, for HF are fier, similar to 4DK6, 6DK6 3DP1 3DP1 ZP526, C7497 Cathode ray tube, electrostatic and deflection 3DP1A 3DP1AS1 Zero Ibl version of 3DP1 Zero Ibl version of 3DP1 with decalcomania 3DP1AS2 3DP1AS2 Zero Ibl version of 3DP1 with decalcomania 3DP	
3DK6 3DK6 3DK6 Sharp cut off pentode, for HF are fier, similar to 4DK6, 6DK6 3DP1 3DP1 3DP1A 3DP1A 3DP1AS1 3DP1AS1 3DP1AS1 3DP1AS2 Additional and deflection of 3DP1 with decalcomania Zero Ib1 version of 3DP1 with decalcomania Zero Ib1 version of 3DP1 with decalcomania Cathode ray tube, electrostatic and deflection for oscillagray applications	
and deflection 3DP1A 3DP1A Zero Ibl version of 3DP1 3DP1AS1 3DP1AS1 Zero Ibl version of 3DP1 with decalcomania 3DP1AS2 3DP1AS2 Zero Ibl version of 3DP1 with decalcomania 3DP 3DP Cathode ray tube, electrostatic and deflection for oscillagray applications	
3DP1AS1 3DP1AS1 Zero Ibl version of 3DP1 with decalcomania 3DP1AS2 3DP1AS2 Zero Ibl version of 3DP1 with decalcomania 3DP 3DP Cathode ray tube, electrostatic and deflection for oscillagray applications	focus
decalcomania 3DP1AS2 3DP1AS2 3DP and deflection for oscillagray applications	
3DP1AS2 3DP1AS2 Zero Ibl version of 3DP1 with decalcomania 3DP 3DP Cathode ray tube, electrostatic and deflection for oscillagray applications	
3DP Cathode ray tube, electrostatic and deflection for oscillagrap applications	
3DT6 3DT6 Miniature sharp cut-off pentode	, simi-
3E5 3E5 Receiving miniature beam power pentode	er
3E6 3E6 Receiving lock-in type sharp or pentode amplifier	ıt-off
3E21 Transmitting twin pentode ampl	
3E22 3E22 Transmitting twin pentode ampl 3E29 3E29 829A Transmitting twin pentode ampl	
3E29 3E29 829A Transmitting twin pentode ampli 3EA5 3EA5 Miniature sharp cut off tetrode	
3EP1 3EP1 1806P1, VT-226 Cathode ray tube. Obsolete, us or applicable 3AP v	
3EP4 3EP4 1806P4 Cathode ray tube (replace with 3AP1)	
3FP7 ZP540 Cathode ray tube, superseded by 3FP7A	ру
3FP7A 3FP7A Zero Ibl version of 3FP7. Cat ray tube electrostatic focus of flection	and de-
3GP (2537A3, C3, D3) Cathode ray tube, electrostatic and deflection. Superseded 3GPA	
3GP-A Zero Ibl version of 3GP1	
3HP7 3HP7 C7501, ZP542 Cathode ray tube. Magnetic fo deflection	
3J21 3J21 1456M Packaged magnetron. Obsolete	

SD849B

3J22

3J22

Magnetron

	Current Service		
Tube Type	Designation	Other Number	Class Description
3J24	3J24	GL484, 484, ZP484	Magnetron
3J25	3J25	GL485, ZP485	Magnetron
3J2 6	3J26	GL486, ZP486, 486	Magnetron
3J30	3J30	X6000, WX3158	Replace with 3J31
3J31	3J31	X6003, E5A	Magnetron
3J35	3J35	GL505	Magnetron
3JP	3JP	C7523B	Cathode ray tube, electrostatic focus
			and deflection
3K21	3K21	410-1L	Klystron (version of 410R)
3K22	3K22	XZA8073	Klystron (version of 410R)
3K23	3K23	R5660201, R566021	Klystron (version of 410R)
3K24	3K24		3K21 with tuner
3K25	3K25		3K22 with tuner
3K26	3K26		3K30 with tuner
3K27	3K27		Klystron
3K30	3K30		Klystron (version of 410R)
3K3000LA	3K3000LA		CW klystron, forced air cooled, three
21/2000円が	21/2000FV		cavity, forced air cooled
3K3000LQ	3K3000LQ		CW klystron, three cavity, forced air cooled
3K20000LA	3K20000LA		CW klystron, three cavity, L band amplifier, tunable 470-580 Mc.,
3K20000LF	3K20000LF		water and forced air cooled CW klystron, three cavity, L band
31133332	· · · · · · · · · · · · · · · · · · ·		amplifier tunable 580-720 Mc., water and forced air cooled
3K20000LK	3K20000LK		CW klystron, three cavity, L band amplifier, tunable 720-890 Mc.,
3K50000LA	3K50000LA		water and forced air cooled CW klystron, three cavity, L band
			amplifier, water and forced air cooled
3K50000LF	3K50000LF		CW Klystron three cavity, L band amplifier, water and forced air
			cooled
3K50000LF	3K50000LK		CW Klystron three cavity, L band
			amplifier, water and forced air cooled
3K50000LQ	3K50000LQ		CW Klystron three cavity, L band amplifier, water and forced air cooled
3KM3000LA	3KM3000LA		CW Klystron three cavity, L band, forced air cooled
3KM50000PA	3KM50000PA		Klystron
3KP	3KP	C7555	Cathode ray tube, electrostatic focus and deflection
3LE4	3LE4		Receiving lock-in type pentode power amplifier
3LF4	3LF4	VT-180	Receiving lock-in type beam power amplifier (similar to 3D6/1299)

	Current Service		·
Tube Type	Designation	Other Number	Class Description
3MP1	3MP1		Cathode ray tube, electrostatic focus and deflection
3N21	3N21		Transistor
3NP4	3NP4		Cathode ray tube. Dutch
3Q4	3Q4	VT-264	Receiving miniature pentode power amplifier
3Q5G	3Q5G		See 305GT - Replace with 3Q5GT
305GT	3Q5GT	VT-221	Receiving beam power amplifier
3QP1	3QP1	2-5/8P1	Cathode ray tube. Dutch
3RP	3RP	5 6, 61 1	Cathode ray tube, electrostatic focus and deflection
3S4	3S4	VT-174	Receiving miniature pentode power amplifier
3SP	3SP		Cathode ray tube, electrostatic focus and deflection
3U2P1	3U2F1		Two gun cathode ray tube
3U3P1	3U3P1		Three gun cathode ray tube
3U3P11	3U3P11		Three gun cathode ray tube Three gun cathode ray tube
3UP1	3UP1	Z4026	Cathode ray tube, electrostatic focus and deflection
3V4	3V4		Miniature pentode power amplifier
3V4WA	3V4WA		Improved 3V4
3W2P1A	3W2P1A		Two gun cathode ray tube
3W2P7	3W2P7		Cathode ray tube
3W4	3W4		
311-4	3114		Miniature power amplifier pentode
2W100 V 3	2W1000 V 2		(Japanese)
3W100A3	3W1000A3		Transmitting triode, water cooled
3W5000A1	8240		See 8240
3W5000A3	3W5000A3		Transmitting triode, water cooled
3W5000F3	3W5000F3		Transmitting triode, water cooled
3W10000A3	3W10000A3		Transmitting triode, water cooled, tri- ode version of 4W200000A
3WP	3WP	B1026	Cathode ray tube electrostatic focus and deflection
3X100A11/2C39	2C39		See 2C39
3X150A3/3C37	3C37		See 3C37
3X2500A	3X2500A		Transmitting triode. Obsolete. Use 3X2500A3
3X2500A1	3X2500A1		Transmitting triode. Obsolete. Use 3X2500A3
3X2500A2	3X2500A2		Transmitting triode. Obsolete. Use 3X2500A3
3X2500A3	8161		See 8161
3X2500F3	8251/3X2500F3		See 8251/3X2500F3
3X3000A1	8238/3X3000A1		See 8238/3X3000A1
3X30C0F1	8239		See 8239
3X3000F7	8162		See 8162
3X5000A	3X5000A		Transmitting VHF triode-forced air
			cooled

	Current		
	Service	A. N. I	C D
Tube Type	Designation	Other Number	Class Description
3X12500A3	3X12500A3		Transmitting medium mu triode, forced air cooled
3X20000A3	3X20000A3		Obsolete, superseded by 3W10000A3
3XP1	3XP1		Cathode ray tube, electrostatic focus and deflection
3YP1	3YP1		Cathode ray tube
3Z4	3Z4		Receiving Japanese power amplifier pentode, miniature
3Z4WA	3Z4WA		Improved 3Z4
AW4	VS68		See VS68
B4	B4		Ballast tube
BL4	BL4		TR tube, improved X7047
CE4	CE4A/B, C, D		Gas phototube. See 1P36. equivalent to 58A
CE4A/B	CE4A/B		Phototube, red-infra red sensitive
CE4B24	4B24		See 4B24
CE4B25	4B25		See 4B25
CE4C CE4D	1P36 CE4D		See 1P36 Phototube
CE4RBS	4RBS		See 4RBS
CE4SC	CE4SC		Phototube, Selected CE4C
CE4V	4V		See 4V
CE4WB	4WB		See 4WB
ELC4H-1	6984		See 6984
ELC4H-2	6985		See 6985
ELC4H-3	6986		See 6986
ELC4H-4	8065		See 8065
ELC4H-5	8066		See 8066
G-4	G-4		Subminiature pentode
GA4	532		See 532
GE-NS4	2D29		See 2D29
GV4S-410	GV4S-410		Corona voltage regulator
GV4S-1400	GV4S-1400		Corona voltage regulator
GV4S-3000 H A- 4B	GV4S-3000 H A-4 B		Corona voltage regulator Travelling wave tube
KC4	5625		See 5625
NB4	NB4		Ballast tube (obsolete)
NU4RBS	4RBS		See 4RBS
NU4WB	4WB		See 4WB
PAX-4	PAX-4		Magnetron -
PKX-4	PKX-4		Klystron, 2 cavity, fixed frequency
PJ-4	PJ-4		Special purpose triode vacuum control tube
PM4	PM4		Power measurement lamp
HK4D32	4D32		See 4D32
SN4	SN4		Cold cathode discharge tube, low pulse rate version of 631P1
TD4	TD4		Subminiature electrometer pentode
TD4A	TD4A		Subminiature electrometer pentode
V4	V4		Vacuum phototube

	Current Service		
Tube Type	Service Designation	Other Number	Class Description
VG4	VG4		Neon bulb (medium screw base)
WE4A	4A		See 4A
WE4B	4B		See 4B
WE4J21	4J21		See 4 J21
WE4J22	4J22		See 4J22
WE4J23	4J23		See 4J23
WE4J24	4J24		See 4J24
WE4J25	4J25		See 4J25
- -	4J26		-
WE4J26			See 4J26
WE4J27	4J27		See 4J27
WE4J28	4J28		See 4J28
WE4J29	4 J29		See 4J29
WE4J30	4 J30		See 4J30
WE4J45/720AY	4 J 4 5		See 4J45
WE4J46/720BY	4J46		See 4J46
WE4J47/720CY	4 J 4 7		See 4J47
4	4		Ballast tube
4-6 0A	4PR 6 0A		See 4PR60A
4-65A	8165/4 - 65A		See 8165/4-65A
4-125	4D21		See 4D21
4-250/5D22	5D22		See 5D22
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4-250A	5D22		See 5D22
4-400A	8438/4 - 400A		See 8438/4-400A
4-750A	4-750A		Transmitting, tetrode (obsolete) by 4-1000A
4-1000A	8166/4-1000A		See 8166/4-1000A
4 A	4A	WE4A	Ballast tube
4 A1	4A1		Ballast tube
4A6G	4A6G		Receiving twin triode amplifier
4A10	4A10		Ballast tube
4A21	4A21		Ballast tube
4AP10	4AP10	VDSSS CTELED	
		ZP 556, C7516B	Cathode ray tube, magnetic focus and deflection dark trace
4AU6	4AU6		Receiving pentode, similar to 6AU6
4 B	4 B	WE4B	Ballast tube
4 B22	4B22	EL5B2.5, EL5B, 5B25	Duodiode gas rectifier (standard duty)
4B23	4B23	EL5BHO	Duodiode gas rectifier (heavy duty)
4B24	4B24	EL3C, 3C, CE4B24, CE224	Duodiode gas rectifier
4B25	4B25	CE4B25, CE221, 6CF	Duodiode gas rectifier - EL6C elec-
ADDE ALL CA	ADOE		trically same; has different base
4B25/EL6C	4B25	DO10000 1000 to Foo	See 4B25
4B26	4B2 6	RCA2000, 189049, F60, WE289A, R6A, WL289416D, CE226, 289A, 2000, J213AAA GE189049,	Diode gas rectifier
		WE289416D, 289416	
4B27	4B27	GE16X897, CE201	Duodiode gas rectifier

	Current Service		
Tube Type	Designation	Other Number	Class Description
4 B28	4B28	GE189048, CE225, WL289414, 289414	Diode gas rectifier
4B30	15R		See 15R
4B31	4B31	QK98	Transmitting diode clipper-rectifier
4B32	4B32	•	Transmitting diode gas rectifier
4B33	953B		See 953B
4B35	4B35	12X825, 966626, CE212A,	
4000	4000	GE12X825	
4B36	4B36	20X672, 859483, Tungar 5A, GE20X672	Diode gas rectifier, half wave
4BA6	4BA6		Receiving pentode, similar to 6BA6
4BC5	4BC5		Receiving pentode, similar to 6BC5
4BC8	4BC8		Receiving pentode, similar to 6BC8
4BE6	4BE6		Receiving heptode, similar to 6BE6
4BN4	4BN4		Miniature medium mu triode. Similar to 6BN4
4BN6	4BN6		Receiving gated beam discriminator similar to 6BN6
4BP15	4BP15		Cathode ray tube, for use as a scanner
4BQ7A	4BQ7A		Receiving medium mu twin triode similar to 6BQ7A
4BS8	4BS8		Receiving medium mu twin triode
4BU8	4BU8		Miniature twin pentode, receiving
4BX8	4BX8		Miniature twin UHF triode, similar to 6BX8
4BZ6	4BZ6		Receiving pentode see also 6BZ6
4BZ7	4BZ7		Receiving medium mu twin triode, similar to 6BZ7
4BZ8	4BZ8		Receiving triode
4C21	211		See 211
4C22	4C22/HF100		See 4C22/HF100
4C22/HF100	4C22/HF100	RK51, RF100, C101,	Transmitting triode amplifier and os-
4022/11/100		TF100, 4C22	cillator (Similar to 100TH, RK38, HK254)
4C23	4C23		Transmitting special purpose
4C24	HV12/T814		See HV12/T814
4C25	HK54		See HK54
4C26	4C26	54B	Transmitting triode
4C27	CV92		See CV92
4C28	4C28		4C27 without shield. Obsolete
4C30	15E		See 15E
4C32	4C32		Transmitting triode amplifier modu-
4032	4002		lator for diathermy
4C33	4C33	Á2212B	Transmitting UHF triode-forced air cooled
4C34	4C34		Transmitting triode (similar to HF300)
4C35	4C35	ZG529, H350, GL529	Thyratron, hydrogen
4C35A	4C35A	2023, 11000, 02023	Modified 4C35. Obsolete. Use 4C35
4000M	-100 9 A		Modified 4000. Opposete. Ope 4000

	Current Service		
Tube Type	Designation	Other Number	Class Description
4C36 4CB6 4CE5	4C36 4CB6 4CE5	BR400	Transmitting triode Miniature pentode, similar to 6CB6 Receiving pentode, sharp cut off, similar to 3CE5, 6CE5 Cathode ray tube, 4 inch diameter,
4CS6 4CV100000C 4CW10000A 4CW50000C 4CX7 4CX250B	4CS6 8351/4CV100000C 4CW1000A 8350 4CX7 7203/4CX250B		magnetic focus and deflection Miniature dual control heptode See 8351/4CV100000C Transmitting tetrode, water cooled See 8350 Miniature twin triode See 7203/4CX250B. Supersedes 4X250B
4CX250F 4CX250K 4CX250M 4CX250R 4CX300A 4CX350A 4CX350F 4CX1000A 4CX1500A 4CX3000A 4CX3000A 4CX5000A 4CX3000D 4CX35000C	7204/4CX250F 8245/4CX250K 8246/4CX250M 7580W/4CX250R 8167/4CX300A 8321/4CX350F 8322/4CX350F 8168/4CX1000A 8281/4CX1500A 8169/4CX3000A 8170/4CX5000A 8171/4CX10000D 8349/4CX35000C		See 7204/4CX250F. Supersedes 4X250F See 8245/4CX250K See 8246/4CX250M See 7580W/4CX250R See 8167/4CX300A See 8321/4CX350F See 8322/4CX350F See 8168/4XC1000A See 8169/4CX3000A See 8170/4CX5000A See 8171/4CX10000D See 8349/4CX35000C
4CY5	4CY5		Miniature receiving sharp cut off tet- rode, similar to 2CY5, 3CY5, and 6CY5
4D21/4-125A 4D22	4D21/4-125A 4D22	X103, 4-125	Transmitting tetrode UHF oscillator amplifier See 4D21 Transmitting VHF beam power amplifier
4D23	4D23		Transmitting tetrode. Similar to 4-125A
4D32	4D32	RK4D32	Transmitting VHF beam power amplifier Receiving sharp cut off pentode. Simi-
4DK6	4DK6 4DP	K1109	lar to 3DK6, 6DK6 Cathode ray tube, square face, electrostatic focus and deflection
4DT6 4E 4E27	4DT6 1B71 4E27	HK257B, 7B, GL8001, 8001	Receiving miniature pentode See 1B71 Identical to HK257 (8001) except ¾ inch shorter in height. Replace by 4E27A
4E27/5-125B 4E27A	4S27/5-125B 4E27A/5-125B		See 4E27A Transmitting beam pentode

	Current Service		
Tube Type	Designation	Other Number	Class Description
4E27A/5-125B	4E27A/5-125B		See 4E27A
4ES8	4ES8		Miniature receiving triode
			(Canadian)
4EW6	4EW6		Same as 6EW6 except heater voltage
4FP	4FP	K1206	Cathode ray tube
4GP1, P11	4GP1, P11		Cathode ray tube (British)
4GSW	4WB		See 4WB
4GTP	5WB		See 5WB
4H3	4H3 4HP	WILLE	Ballast tube
4HP		K1115	Cathode ray tube, electrostatic focus and deflection
4HT11	4HT11	WE 4503 1400	Ballast tube
4J21	4J21	WE4J21, 1402	Magnetron. See 5J26
4J22	4J22	WE4J22, 1402	Magnetron. See 5J26
4J23	4J23	WE4J23, 1402	Magnetron. See 5J26
4J24	4J24	WE4J24, 1402	Magnetron. See 5J26
4J25	4J25	WE4J25, 1402	Magnetron. See 5J26
4J26	4J26	WE4J26, 1401	Magnetron. See 5J26
4J27	4J27	WE4J27, 1401	Magnetron. See 5J26
4J28	4J28	WE4J28, 1401	Magnetron. See 5J26
4J29 4J30	4 J29 4 J30	WE4J29, 1401	Magnetron. See 5J26
4J31	4J31	WE4J30, 1401 HK7	Magnetron. See 5J26
4J32	4J31 4J32	HK7	Magnetron. See 5586
4J32 4J32	4J32 4J32	HK7	Magnetron. See 5586 Magnetron, fixed frequency, pulsed
4J33	4J33	HK7	Magnetron, See 5586
4J34	4J34	HK7	Magnetron. See 5586
4J35	4J35	HK7	Magnetron. See 5586
4J36	4J36	H15S	Magnetron Magnetron
4J37	4J37	H15S	Magnetron
4J38	4J38	H15S	Magnetron
4J39	4J39	H15S	Magnetron
4J40	4J40	H15S	Magnetron
4 J41	4341	H15S	Magnetron
4J4 2	4J4 2	1440N, 700T	Tunable magnet ron
4J43	4J 4 3	•	Magnetron
4 J 44	4J44		Magnetron
4 J 4 5	4J45	WE4J45/720AY, 4J45/720AY, 1379M	Magnetron (supersedes 720AY)
4J45/720AY	4J45		See 4J45
4 J 4 6	4 J 46	WE4J46/720BY,	Magnetron (supersedes 720BY)
		4J46/720BY, 1379M	
4J46 /720BY	4J46		See 4J46
4 J 4 7	4 J 4 7	WE4J47/720CY, 4J47/720CY, 1379M	Magnetron (supersedes 720CY)
4J47/720CY			See 4J47
4J50	4 J 5 0	1397M	Packaged magnetron
4J50A	4J50A		Magnetron, improved version of 4J5U
4J50T	4J50T		Magnetron, tunable, pulsed

	Current		
Tube Type	Service Designation	Other Number	Class Description
4J51	4J51	1443M, 728T	Magnetron - supersedes 728 - tunable 728
4J5 2	4J52	1471	Packaged magnetron
4J52A	4J52A/L-3037		Magnetron, pulsed, air cooled
4J52T	4J52T/6543		See 6543
4 J 5 3	4 J 5 3		Magnetron
4J54	4J54		Packaged magnetron
4J55	4 J55		Packaged magnetron
4J56	4J56		Packaged magnetron
4J57	4 J57	QK915C	Packaged magnetron
4J58	4J58	QK915B	Packaged magnetron
4 J 5 9	4J59	QK915A	Packaged magnetron
4J6 0	4J60		Packaged magnetron
4J61	4J61		Packaged magnetron
4J62	4J62		Packaged magnetron. Replaces QK59 and QK60
4J63	4J63		Packaged magnetron. Replaces QK60 and QK62
4J64	4J64		Packaged magnetron
4 J65	4J65		Packaged magnetron
4 J 7 0	4 J70	3064	Magnetron superseded by HK-7T, and QK253
4J71	4J71		Magnetron superseded by HK-7T, and QK253
4 J72	4 J72		Magnetron superseded by HK-7T, and QK253
4 J73	4J73		Magnetron superseded by HK-7T, and QK253
4J74	4 J7 4		Magnetron superseded by HK-7T, and QK253
4J75	4 J75		Magnetron superseded by HK-7T, and QK253
4 J76	4J76		Magnetron superseded by HK-7T, and QK253
4J77	4 J77		Magnetron superseded by HK-7T, and QK253
4 J78	4J78	Special 1379M, 1379 special	4J50 except for frequency
4K34	4K34	414	Klystron, S band
4K50000LQ	4K50000LQ		Klystron, externally tuned, water and forced air cooled, 700 to 1000 Mc
4KPl	4KP1		Cathode ray tubes, electrostatic de- flection and focus, square face
4L	4L		Type 185 square wave generator
4M	1B72		See 1B72
4MP	4MP		Cathode ray tube, square face, electrostatic focus and deflection
4NP	4NP		Cathode ray tube, rectangular, electrostatic focus and deflection
4PR60A	4PR60A	4-60A	Transmitting pulse tetrode

	Current		
Tube Type	Service Designation	Other Number	Class Description
4PR60B 4PR65A 4PR125A 4PR400A 4PR1000A 4QP	8252/4PR60B 8187/4PR65A 8247/4PR125A 8188/4PR400A 8189/4PR1000A 4QP		See 8252/4PR60B See 8187/4PR65A See 8247/4PR125A See 8188/4PR400A See 8189/4PR1000A Cathode ray tube, rectangular, electrostatic deflection and focus
4RBS	4RBS	NU4RBS, CE4RBS, G12	Gas phototube
4RP	4RP 2S/ 4 S	5.2	Cathode ray tube, rectangular, electrostatic deflection and focus See 2S/4S
4S 4SRBS	4SRBS		Gas phototube (same as 4RBS except for basing)
4 V 4 VP1	4V 4VP1	CE4V OE411PA	Vacuum phototube Cathode ray tube, square face, electrostatic deflec. & focus
4W300B 4W1250A 4W20000A 4W B	8249/4W300B 4W1250A 8173/4W20000A 4WB	X486 CE4WB, NU4WB, 53AWB, 4GSW	See 4W300B Transmitting tetrode (water cooled) See 8173/4W20000A Phototube
4X100A 4X150A	4X100A 7034/4X150A	WAND, 400	Transmitting tetrode Transmitting tetrode, See 7034/ 4X150A
4X150D 4X150G 4X150R	7035/4X150D 8172/4X150G 8296/4X150R		See 7035/4X150D, 26.5 voltiheater See 8172/4X150G, coaxial base See 8296/4X150R, Ruggedized 4X150A
4X150S	8297/4X150S		See 8297/4X150S, ruggedized 4X150D
4X250B 4X250F 4X500A	4X250B 4X250F 4X500A/X404		Superseded by 7203/4CX250B Superseded by 7204/4CX250F Transmitting UHF tetrode - forced Air cooled
4X5000A	4X5000A		Transmitting tetrode, forced air cooled. 5KW plate dissipation
ARD05 AU5 B5H4 C5A	VR54(Br.) VU111 B5H4 C5A C5B	Navy type B, ELC5A 5C30, ELC5B, CE315,	See VE54(BR.) See VU111 Ballast tube Obsolete - Replace with C6A Thyratron, gas
C5B C5F14 CE5 CE5A/B CE5BB CE5C CE5U C5F14	CSF14 CE5A/B, B, C, D CE5A/B SBB CESC CE5D CSF14	CEL1552, 1552	Thyratron, similar to 6278 Gas phototube Phototube See 5BB Phototube Phototube Thyratron

	Current Service		·
Tube Type	Designation	Other Number	Class Description
CE5WB CR5 ESA EL5B EL5B2.5 EL5BHD ELC5A ELC5B EM5GC GA5 GA5A GV5A-1400 GV5A-2000 GV5A-2500 GV5A-2500 GV5A-3000 GV5A-3000 GV5C-4000 KR5 NU5BB NU5WB P5 PAX-5 PM5 QBL5-4000 REL5 TUNGAR 5A V5 WE5B 5.0	5WB CR5 3J31 4B22 4B22 4B23 C5A C5B EM5GC 1B32/532A 532 GV5A-1400 GV5A-2500 GV5A-2500 GV5A-3000 GV5C-4000 KR5 NES 5BB 5WB P5 PAX-5 PM5 7704 VT98 (Br.) 4B36 V5 5B C6A		See 5WB Thyratron See 3J31 See 4B22 See 4B22 See 4B23 See C5A See C5B Electrostatic storage tube See 1B32/532A See 532 Corona voltage regulator Receiving power amplifier pentode Unbased argon lamp T-2 See 5BB See 5WB Subminiature pentode power amplifier Magnetron Power measurement lamp See 7704 See VT98 (Br.) See 4B36 Vacuum phototube See 5B See C6A
5-4 5-125B	5-4 5-125B/4E27A		Ballast tube Power pentode, unilateral replacement
5A6	5A6	DT275, 5A6/RT533	for 4E27A Miniature receiving power amplifier tube
5A6/RT533 5AB 5ABP	5A6/RT533 5AB 5ABP		See 5A6 Gas phototube Cathode ray tube, electrostatic deflection and focus Cathode ray tube, magnetic deflection, electrostatic focus
5ADP5AEP7	5ADP 5AEP7	B1060	Cathode ray tube, 5 inch Cathode ray tube, magnetic deflection, electrostatic focus
5AFP	5AFP	K1147P	Cathode ray tube, electrostatic focus and deflection
5AGP	5AGP	K1154P	Cathode ray tube, electrostatic focus and deflection Cathode ray tube, magnetic deflection,
			electrostatic focus

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	Current Service		
Tube Type	Designation	Other Number	Class Description
5AJP	5AJP		Cathode ray tube, electrostatic focus and deflection
5ALP	5ALP		Cathode ray tube, magnetic focus and deflection
5AM8	5AM8		Receiving tube for series string, see also 6AM8
5AMP	5AMP		Cathode ray tube, electrostatic focus deflection. Similar to 5YP
5AP	5AP	1805P	Cathode ray tube, electrostatic focus and deflection
5AP4/1805P4 5AQP	5AP4 5AQP		See 5APCathode ray tube, electrostatic focus
JAQF	JACE		and deflection. Similar to 5ADP
5AR4 5ARP	5AR4 5ARP		Double anode rectifier (Canadian)
			Cathode ray tube, electrostatic focus and deflection
5AS4	5AS4		Receiving full wave rectifier (Canadian)
5AS4A	5AS4A		Receiving full wave rectifier (Canadian). Similar to 5S4 electrically
5AS8	5AS8		Receiving diode-pentode, similar to 6AS8
5AT4	5AT 4		Receiving full wave high vacuum rectifier
5A 08	5AT8		Receiving triode-pentode converter, miniature
5ATP	5ATP	K1266	Cathode ray tube, electrostatic focus and deflection
5AU4	5AU4		Receiving twin diode
5AUP24	5AUP24		Cathode ray tube, color flying spot scanner
5AV8	5AV8		Miniature receiving medium mu tri- ode, sharp cut off pentode
5AVP7	5AVP7	52HAP7	Cathode ray tube, similar to K1069P7
5AW4	5AW4		Receiving full wave hi vacuum rectifier
5AWP	5AWP	K1255P	Cathode ray tube, electrostatic focus and deflection
5AX4GT	5AX4GT		Receiving double diode
5AXP4	5AXP4		Cathode ray tube, for TV receiver check
5AZ4	5AZ4		Receiving full wave rectifier
5AZP4	5AZP4	WUSER	Cathode ray tube, projection
5B 5B8	5B 5B8	WE5B	Ballast tube. Replace by 3-40 Receiving miniature medium mu tri-
5821	5B21	CE235, 2183, R15A,	ode pentode Half wave gas rectifier
		G683, 217283, GE217283, 766776	

	Current Service		
Tube Type	Designation	Other Number	Class Description
5B24 5B25 5B33 5BB 5BCP	38674 4B22 953D 5BB 5BCP	CE5BB, NU5BB B1125	See 38674. Replace with 4B25 See 4B22 See 953D Gas phototube Cathode ray tube, magnetic deflection
5BDP	5BDP	K1069	and focus Cathode ray tube, electrostatic focus and deflection dual beam
5BE8	5BE8		Miniature medium mu triode sharp cut-off pentode
5BEP	5BEP	K1355	Cathode ray tube, electrostatic focus and deflection.
5BFP	5BFP	K1253P, 928006-2	Cathode ray tube, electrostatic focus and deflection, dual beam
5BGP	5BGP		Cathode ray tube, electrostatic focus and deflection
5BHP	SBHP	T54P2	Cathode ray tube, electrostatic focus and deflection
5BJP7	5BJP7		Cathode ray tube, electrostatic focus and deflection
5BLP	5BLP		Cathode ray tube, electrostatic focus and deflection
5BNP16 5BP	5BNP16 5BP	ZP453, ZP480, 1802P, VT-11: 2525A5-C5	Cathode ray, flying spot scanner tube Cathode ray tube, electrostatic focus 1, and deflection. Similar to 5HP except base
5BR8	5BR8	232373-03	Receiving miniature triode pentode
5BRP	5BRP		Cathode ray tube, magnetic focus and deflection, miniature neck
5BS8 5BT8	5BS8 5BT8		Receiving duo-triode, miniature Receiving duo diode, sharp cut-off pentode
5BTP	5BTP		Cathode ray tube, electrostatic focus and deflection
5BW8 5BWP	5BW8 5BWP		Double Cathode ray tube, electrostatic focus and deflection
5BXP	5BXP		Cathode ray tube, electrostatic focus and deflection, rectangular
5BYP5	5BYP5		Cathode ray tube, ultra high
5C21 5C21/C6J 5C22 5C22A 5C24 5C27 5C30 5C37	C6J C6J 5C22/HT415 5C22A 5C24 227A C5B 327A	C6J H1000, GK50, QK50	See C6J See C6J Grid controlled gas rectifier Superseded by 5C22 Transmitting triode See 227A See C5B See 327A

	Current Service		
Tube Type	Designation	Other Number	Class Description
5CAP	5CAP		Cathode ray tube for special high frequency scope
5CBP	5CBP		Cathode ray tube for special high frequency scope
5CEP11	5CEP11		Cathode ray tube electrostatic focus magnetic deflection
5CG4	5CG4		Receiving double anode rectifier (Japanese)
5CG8 5CGP29 5CHP11 5CJP11 5CKP1, P16	5CG8 5CGP29 5CHP11 5CJP11 5CKP1, P16		Receiving triode-pentode converter Two color cathode ray tube Character writing cathode ray tube Very high resolution cathode ray tube Cathode ray tube, magnetic focus and deflection, flying spot scanner
5CL8 5CLP7	5CL8 5CLP7		Receiving miniature triode-tetrode Cathode ray tube, electrostatic deflection, high sensitivity (British)
5CM6 5CP	5CM6 5CP	ZP517, ZP518, C7491, C7519, C7520	Receiving miniature beam pentode Cathode ray tube, electrostatic focus and deflection
5CQ8	5CQ8	0, 010, 0, 0 10	Receiving medium mu triode, sharp cutoff pentode, similar to 6CQ8
5CR8 5CSP5, P11	5CR8 5CSP5, P11		Miniature triode-pentode Cathode ray tube, 3 pairs electro- static deflection plates
5CTP	5CTP		Cathode ray tube, electrostatic focus & deflection, dual beam
5CU4 5CUP18	5CU4 5CUP18		Receiving full-wave rectifier Cathode ray tube, electrostatic focus, magnetic deflection, tv recording
5CVP	5CVP		Cathode ray tube, electrostatic focus, magnetic deflection, rectangular
5CWP	5CWP		Cathode ray tube, electrostatic focus and deflection, dual beam
5CXP2	5CXP2		Cathode ray tube, electrostatic focus and deflection
5CZ5 5D21 5D22	5CZ5 5D21 5D22	4-250, X117, 4-250/5D22	Receiving beam power tuber Transmitting pulse amplifier tetrode Transmitting tetrode, similar to 5D24 Transmitting tetrode power amplifier
5D23 5D23/RK65 5D24	5D23 5D23 5D24	5D23/RK65	See 5D23 Transmitting tetrode, Obsolete, Use 5D22
5DAP	5DAP		Cathode ray tube, electrostatic focus and deflection
5DBP	5DBP		Cathode ray tube, electrostatic focus and deflection

Tube Type	Current Service Designation	Other Number	Class Description
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5DEP	5DEP		Cathode ray tube, electrostatic focus and deflection
5DH8	5DH8		Miniature receiving high mu triode- pentode
5DHP1, P32	5DHP1, P32		Cathode ray tube, magnetic focus and deflection (British)
5DKP	5DKP		Cathode ray tube, magnetic focus and deflection
5DLP4	5DLP4		Cathode ray tube, electrostatic focus, magnetic deflection (TV monitor)
5DNP	5DNP	51TCP19, Z4413P7	Cathode ray tube, electrostatic focus and deflection
5DPI	5DPI		Cathode ray tube. Obsolete
5DWP	5DWP	K1931	Cathode ray tube, electrostatic focus and deflection, high sensitivity
5DXP	5DXP		Cathode ray tube, electrostatic focus and deflection, high sensitivity
5DYP	5DYP		Cathode ray tube, magnetic deflec- tion, electrostatic focus, low drive
5E1	1A1/5E1 5EA8		See 1A1/5E1
5EA8 5EAP7	SEAP7		Miniature triode-pentode Cathode ray tube, electrostatic focus magnetic deflection, off- center neck
5EBP7	5EBP7		Cathode ray tube, electrostatic
5EDP	5EDP		focus, mag. defl., off-center neck Cathode ray tube, electrostatic focus, magnetic deflection
5EH8	5EH8		Miniature medium mu triode-pentode mixer
5EP	5EP		Cathode ray tube
5FP	5FP	GL475, ZP475, 1812P C7473D	Cathode ray tube, magnetic deflection and focus
5GP1	5GP1		Cathode ray tube. (In Navy equip- ment replace with 5BP1)
5H4	5H4		Ballast tube
5HP	5HP	C7508	Cathode ray tube, electrostatic focus and deflection. Same as 5BPexcept base
5HP26	5HP26		Cathode ray tube electrostatic focus and deflection. (British)
5HP28	5HP28		Cathode ray tube electrostatic focus and deflection
5J6	5J6	·	Receiving miniature medium mu twin triode
5J21	5J21	1382M	Magnetron
5 J22	5J22	1382M	Magnetron
5J23	5J23	1382M	Magnetron

	Current Service		
Tube Type	Designation	Other Number	Class Description
5J24 5J25 5J26 5J29 5J30	5J24 5J25 5J26 5J29 5J30	1382M 1382M 1475M, 147SM	Magnetron Magnetron Tunable 4J21-30 Magnetron Magnetron Magnetron. Obsolete superseded by 5J32
5J31	5J31		Magnetron. Obsolete superseded by 5.133
5J32 5J33 5JP	5J32 5J33 5JF	Z666 2529A5-D5	Magnetron. Supersedes 5J30 Magnetron. Supersedes 5J31 Cathode ray tube, electrostatic focus and deflection
5K40 5K40/420 5LP	5K40 5K40 5LP	420R, 5K40/420	Klystron See 5K40
5LRP1	5LRP1	2511A5-D5, C7514, 54-11T	Cathode ray tube, electrostatic focus and deflection Cathode ray tube, Potentiometer
5MP	5MP	2505A5, 2505C5, 2505D5	Cathode ray tube, electrostatic focus and deflection
5NP .	5NP		Cathode ray tube (5BP1 with re- stricted gun length), electrostatic focus and deflection
5QP	5QP		Cathode ray tube, magnetic deflection and focus
5R5G 5R4GTY 5R4GY	5R4G 5R4GTY 5R4GY		Full wave hi-vacuum rectifier 5R4GY with T-12 enevlope Receiving full wave hi vacuum duodi- ode rectifier
5R4GYA 5R4WGA	5R4GYA 5R4WGA	•	See 5R4GTY Receiving rugged full wave hi vacuum rectifier similar to 5R4GY
5R4WGB	5R4WGB		Reliable receiving rugged full wave hi vacuum rectifier, equivalent to 5R4GA and similar to 5R4GY
5R4WGY 5R4WGYA 5RP	5R4WGY 5R4WGYA 5RP		See also 5R4WGA See also 5R4WGB Cathode ray tube, electrostatic focus and deflection
5SP	5SP		Cathode ray tube, electrostatic focus and deflection, dual beam
5T4 5T8	5T4 5T8	VT-114	Receiving duodiode rectifier Triple diode triode, miniature button, 9-pin
5TF4 5TP4	5TF4 5TP4		Ballast tube Cathode ray tube, mirror backed projection
5U4G	504G	VT-244	Receiving duodiode rectifier (similar to 5Z3, 5T4 and British VU71). See also 5931. Not directly interchangeable

	Current Service		
Tube Type	Designation	Other Number	Class Description
5U4GA 5U4GB	5931 5U4GB		See 5931 Hi vacuum full wave rectifier receiv- ing tube
5U8	5U8		Receiving miniature triode-pentode converter
5UP	5UP		Cathode ray tube, electrostatic focus and deflection
5V3 5V4G	5V3 5V4G	VT-206A, 274	Full wave, hi vacuum rectifier Receiving duodiode rectifier (nearest equivalent is 5U4G)
5V4GA 5V4GY	5V4GA 5V4GY		Receiving duodiode rectifier Type 5V4G with nicanol base. Obsolete use 5V4G
5VP7 5W4 5W4G 5W4GT	5VP7 5W4 5W4G 5W4GT	VT-97	Cathode ray tube. (Canadian) Receiving duodiode rectifier Replace with 5W4GT Receiving duodiode rectifier (similar to 5Y3GT, 5V4G and 5Z4GT)
5WB	5WB	WL739, 4GTP, CE5WB, NU5WB, G4	Gas phototbue
5WP	5WP		Cathode ray tube, metal backed. Magnetic deflection, electrostatic focus
5X2P 5X3	5X2P 5X3		Cathode ray tube, dual gun Receiving duodiode rectifier (similar to 80 and 83V)
5X3P 5X4G	5X3P 5X4G	•	Cathode ray tube, triple gun Receiving duodiode rectifier (type 5Z3 characteristics)
5X4GA	5X4GÅ		Receiving full wave rectifier, T-12, similar to 5V4GB
5X4GT	5X4GT		Never made. Use 5X4G Receiving triode-pentode converter
5x8 5xp	5X8 5XP		Cathode ray tube, high voltage, high sensitivity. Electrostatic focus and deflection
5Y3G 5Y3GT	5Y3G 5Y3GT	5Y3GT/G	Replace with 5Y3GT Receiving duodiode rectifier (similar to 5W4GT/G and 5V4G, similar to 5Y3WGT)
5Y3GT/G 5Y3P 5Y3WGT 5Y3WGTA	5Y3GT 5Y3P 5Y3WGT 5Y3WGTA	VT-197A	See 5Y3GT Cathode ray tube. Triple gun Ruggedized version of 5Y3GT Receiving duodiode rectifier, equiva- lent to 5Y3GT
5Y3WGTB	5Y3WGTB	Z2099, 6087	Receiving duodiode rectifier, equiva- lent to 5Y3GT
5Y4G	5Y4G		Receiving duodiode rectifier (type 80 characteristics)
5Y4GT	5Y4GT		Receiving duodiode rectifier

	Current Service		
Tube Type	Designation	Other Number	Class Description
5YP	5YP		Cathode ray tube, electrostatic deflection and focus
5Z2P	5Z2P		Cathode ray tube, dual gun
5Z2P11-S1	5Z2P11-S1	1177 1 45	Special 5Z2P11 for dual X-axis input
5 Z3	5Z3	VT-145	Receiving duodiode rectifier (5U4G characteristics)
5 Z3P	5Z3P		Cathode ray tube-triple gun
524	524	VT-74	Receiving duodiode rectifier
5Z4G	5Z4G		Superseded by 5Z4GT
5Z4GT	5Z4GT		Receiving duodiode rectifier (similar to 5V4G, 5Y3GT/G and 5W4GT/G)
			obsolete. Nearest equivalent is 5Z4
5Z4MG	5Z4MG		Obsolete, equivalent to 5Z4
5Z4P	5Z4P		Cathode ray tube - quadruple gun
5ZP	5ZP		Cathode ray tube, electrostatic focus and deflection
B6	5621		See 5621
BL6	BL6		TR tube, X band for improved version see BL93 and BL93A
BS6	BS6	100C, 1B75, VG10	Beta Gamma Counter tube
C6A	C6A	ELC6A, 1661, Navy Type C, WX3170, 5.0	Thyratron supersedes ELC5A
C6C	C6C	ELC6C	Thyratron
C6J	C6J	5C21, CE306, 5C21/C6J, ELC6J	Thyratron, gas triode
C6 J 6 0	C6J60		Xenon filled thyratron
C6J/A	5685/C6J/A		See 5685/C6J/Å
C6L	5528/C6L		See 5528/C6L
C6M	C6M		Thyratron, similar to C6J
CA6	CA6		X-ray tube (crystal analyzing) Phototube
CE6	CE6A/B, C, D		Phototube
CE6A/B CE6C	CE6A/B CE6C		Phototube
CE6D	CE6D		Phototube
CV6	CV6		UHF triode (British)
D6-TF10	D6-TF10		Ballast tube
EL6B	EL6B		Half wave gas rectifier
			See 6C
EL6B/L	6983		See 6983
EL6C	6C		4B25 electrically same; has different base
ELC6A	C6A		See C6A
ELC6	C6C		See C6C
ELC6J	C6J		See C6J
ELC6J/K	6864		See 6864
ELC6J/KF	6871		See 6871
FA6	FA6		Vacuum switch (SPDT)
FR6	FR6		Neon voltage regulator
G6	G6		Gas phototube
GL6C21	6C21		See 6C21

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Tube Type	Designation	Other Number	Class Description
GV6A-700	GV6A-700		Corona voltage regulator
GV6A-2000	GV6A-2000		Corona voltage regulator
GV6A-2100	GV6A-2100		Corona voltage regulator
HW-6	HW6		Half wave mercury rectifier
HY6A8GTX	6A8GTX		See 6A8GTX
HY6J5GTX	6J5GTX		See 6J5GTX
HY6J7GTX	6J7GTX		See 6J7GTX
HY6K7GTX	6K7GTX		See 6K7GTX
HY6K8GTX	6K8GTX		See 6K8GTX
HY6L6GX	6L6GX		See 6L6GX
HY6SA7GTX	6SA7GTX		See 6SA7GTX
HY6SJ7GTX	6SJ7GTX		See 6SJ7GTX
HY6SK7GTX	6SK7GTX		See 6SK7GTX
HY6V6GTX	6V6GTX		See 6V6GTX
IC-6	71 <i>7</i> 7		See 7177
NB6	NB6		Resistance tube Obsolete
PM6	PM6		Power measurement lamp
QP6	RK61		See RK61
R6A	4B26		See 4B26
RK6D21	6D21		See 6D21
RK6D22	6D22		See 6D22
SS6C5G	SS6C5G		Special selected 6C5G. Replace with 6C5GT
SS6J5GT	SS6J5GT		Specially selected 6J5GT
SS6J5GT/G	6J5GT		See 6J5GT
SS6K7G	6K7G		See 6K7G
SS6W7G	SS6N7G		Replace with 6N7GT
SS6V6G	SS6V6G		Replace with 6V6GT
TGC-6	TGC-6		Geiger-Mueller counter tube
V6	V6		Vacuum phototube
WE6A	6A		See 6A
WE6B	6B		See 6B
ZP6B	2C43		See 2C43
6	6A		See 6A
6-4B	6-4B		Ballast tube
6- 8B	6- 8B		Ballast tube
6-10	6-10		Ballast tube
6-11	6-11		Ballast tube
6-11A	6-11A		Ballast tube
6A	6A	WE6A, 6	Current regulator - Ballast tube
6A3	6A3		Receiving triode power amplifier (type 684G characteristics)
6A3 Special	6A3 Special	FNH	Special type 6A3
6A4	6A4/LA		Receiving pentode power amplifier-
			Obsolete similar to 52 and 41
6A4LA	6A4/LA	LA, 6A4	See 6A4
6A5	6A5		Receiving triode power amplifier. Obsolete
6A5G	6A5G		Receiving triode power amplifier -
			Obsolete nearest equivalent is 6B4G

	Current Service		
Tube Type	Designation	Other Number	Class Description
6A6	6A6		Receiving twin triode amplifier (6N4 characteristics)
6A6X	6A6X		Type 6A6 with ceramic base
6A7	6A7		Receiving pentagrid converter
6A7S	6A7S		Receiving pentagrid converter (shielded type 6A7)
6A8	6A8		Receiving pentagrid converter
6A8G	6A8G	VT-151	Receiving pentagrid converter (obsolete, use 6A8GT)
6A8GT	6A8GT	VT-151B	Receiving pentagrid converter. Similar to 6D8G and 6A7
6A8GTX	6A8GTX	HY6A8GTX	Receiving pentagrid converter- ceramic
6A8MG	6A8MG		Obsolete- equivalent to 6A8, 6A8G, and 6A8GT
6AB4	6AB4		Miniature high mu RF triode
6AB5	6AB5/6N5		See 6AB5/6N5
6AB5/6N5	6AB5/6N5	6AB5, 6N5, 6N5G	Electron ray tuning indicator - ob- solete (similar to 6E5 and 6U5/ 6G5)
6AB6G	6AB6G		Receiving power amplifier (obsolete). Use 6N6G
6AB7	6AB7	1853, 6AB7/1853	Receiving pentode amplifier
6AB7/1853	6AB7	VT-176	See 6AB7
6AB7Y	6AB7X		6AB7 with Micanol base
6AB8	6AB8		Miniature triode pentode
6AC5	6AC5		Never made. Use 6AC5GT
6AC5G	6AC5G		Replace with 6AC5GT
6AC5GT	6AC5GT		Receiving triode power amplifier
6AC6G	6AC6G		Receiving power amplifier. Obsolete
6ACGT	6AC6GT		Receiving power amplifier
6AC7	6AC7	1852, 6AC7/1852	Receiving pentode amplifier, sharp cut off
6AC7/1852	6AC7	VT-112	See 6AC7
6AC7A	6AC7W		Obsolete, superseded by 6AC7W
6AC7W	6AC7W	A4073F	Ruggedized version of 6AC7 (similar to 1649). See Z-2095
6AC7WA	6AC7WA	6134	Receiving RF pentode, sharp cutoff
6AC7Y	6AC7Y		6AC7 with Micanol base
6AD4	6AD4		Subminiature high mu triode
6AD5G	6AD5G		Receiving triode
6AD6G	6AD6G		Electron ray tuning indicator (obsolete, use 6AF6G)
6AD7G	6AD7G		Receiving triode pentode amplifier
6AD8	6AD8		Miniature duo-diode pentode
6AE5	6AE5		See also 6AE5GT
6AE5G	6AE5G	O L DE CENT (C	Use 6AE5GT
6AE5GT	6AE5GT	6AE5GT/G	Receiving triode amplifier (obsolete)
6AE5GT/G	5AE5GT		See 6AE5GT

	Current Service		
Tube Type	Designation	Other Number	Class Description
6AE6G	6AE6G		Receiving single grid twin plate triode (obsolete)
6AE7GT	6AE7GT		Receiving twin grid triode amplifier (obsolete)
6AE8 6AF3	6AE8 6AF3		Miniature triode hexode Receiving diode
6AF4	6AF4		Miniature triode
6AF4A	6AF4A		Miniature triode, similar to 3AF4A except heater
6AF5G	6AF5G		Receiving triode voltage amplifier- obsolete. Use 6P5GT
6AF6G	6AF6G		Twin electron ray tuning indicator (see 6AD6G)
6AF7G	6AF7G		Twin electron ray tuning indicator (French)
6AF11	6AF11		Receiving dual triode, pentode, Compactron
6AG5	6AG5		Miniature pentode amplifier (similar to 6AK5), for high vacuum version see 6BC5
6AG5WA	6186/6AG5WA		See 6186/6AG5WA
6AG6G	6AG6G		Receiving pentode power amplifier
6AG7	6AG7	VT-247	Receiving pentode power amplifier, see 6CL6, 12BY7
6AG7W	6AG7W		Ruggedized version of 6AG7. Never made
6AG7Y	6AG7Y		6AG7 with micanol base
6AG11 6AH4GT	6AG11 6AH4GT		Receiving dual diode, twin triode
6AH5G	6AH5G		TV triode amplifier Receiving power amplifier
6AH6	6AH6		Miniature button pentode amplifier
6AH6WA	6AH6WA		Reliable version of 6AH6
6AH7GT	6AH7GT		Receiving twin triode oscillator and
6AJ4	6AJ4		mixer. Obsolete
CAIC	01.75	Page 5 P	Miniature UHF triode
6AJ5	6AJ5	<i>7</i> 755	28V plate version of 6AK5 pentode
6AJ6 6AJ7	6AJ6 6AJ7/6AC7		Receiving tetrode amplifier (obsolete)
6AJ7/6AC7	6AJ7/6AC7	6AJ7	See 6AJ7/6AC7 Type 6AC7 with grounding ring
6AJ8	6AJ8	0/137	(Canadian)
6AK4	6AK4		Receiving triode heptode Subminiature medium mu, UHF
			triode. Use 5718
6AK5	6AK5	731A, 1381HQ, 403A, 6AK5/403A	Miniature type UHF pentode amplifier. Similar to 6AG5
6AK5/403A	6AK5		See 6AK5
6AK5W	5654/6AK5W	Z1494	See 5654/6AK5W and 6096
6AK5WA	6AK5WA		Never made
6AK6	6AK6		Miniature type pentode amplifier
6AK6WA	6AK6WA		Use 6AK6

	Current Service		
Tube Type	Designation	Other Number	Class Description
6AK76AG7	6AK7/6AG7		Type 6AG7 with grounding ring. (Canadian)
6AK8	6AK8		Triple diode-triode, 9 pin (Dutch)
6AL5	6AL5		Miniature twin diode
6AL5W	5726/6AL5W		See 5726/6AL.5W, 6097
6AL6	6AL6		Receiving power amplifier
6AL6G	6AL6G		Receiving tetrode power amplifier
6AL7GT	6AL7GT		Electron ray indicator tube
6AL11	6AL11		Receiving dissimilar double pentode
6AM4	6AM4		Miniature high mu triode
6AM5	6AM5		Power amplifier pentode (British)
6AM6	6AM6		Miniature power pentode (British)
6AM8	6AM8		Receiving diode pentode
6AM8A	6AM8A		Quick warm up version of 6AM8
6AN4	6AN4	SR1553D	Miniature high mu triode, see also 8334/1218A for Military version
6AN5	6AN5	CK612	Miniature pentode beam power amplifier
6AN5WA	6AN5WA		Reliable receiving beam power amplifier
6AN6	6AN6		Receiving miniature duo double diode rectifier (4 anodes)
6AN7	6AN7		Miniature triode-hexode frequency converter
6AN8	6AN8		Receiving miniature triode-sharp cut off pentode
6AN8A	6AN8A		Quick warm up version of 6AN8
6AQ4	6AQ4		Miniature triode (British)
6AQ5	6AQ5	A4450	Miniature beam power amplifier.
6AQ5A	6AQ5A		Similar to 6V6GT Controlled heater warm-up version
			of 6AQ5
6AQ5W	6005/6AQ5W	A ADREA FOOD	See 6005/6AQ5W and 6095
6AQ6	6AQ6	A4375A, D28	Miniature duo-diode triode
6AQ7GT	6AQ7GT		Receiving duplex diode, high mu triode, similar to 7K7
6AR5	6AR5		Miniature pentode power amplifier, equivalent to glass octal version 6K6-GT
6AR6	6AR6	7756	Transmitting and receiving tetrode power amplifier. See also 6098/6AR6WA
6AR6WA	6098/6AR6WA		See 6098/6AR6WA
6AR7GT	6AR7GT		Miniature double diode pentode
6AR8	6AR8		Receiving sheet beam tube for TV sync, detector
6AS5	6AS5		Miniature beam power pentode, miniature version of 35L6GT and 35B5
6AS6	6AS6	7752, 409A, 6AS6/409A	Miniature pentode amplifier
6AS6/409A	6AS6		See 6AS6

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
6AS6W	5725/6AS6W		See 5725/6AS6W
6AS7G	6AS7G	A4475	Receiving twin triode for electronic voltage regulator application. See
6 A C7 C A	6AS7GA		reliable version 6080WA Receiving low mu twin triode
6AS7GA 6AS7GT	6AS7GT		Receiving low mu twin triode
6AS8	6AS8		Receiving diode-sharp cutoff pentode
6AS11	6AS11		Receiving dual triode, pentode
6AT6	6AT6		Miniature version of 6Q7G (duodiode-triode)
6AT8	6AT8		Receiving triode-pentode converter
6AT8A 6AU4GT	6AT8A 6AU4GT		Quick warm up version 6AT8 Receiving half wave, hi vacuum rectifier
6AU4GTA	6AU4GTA		Receiving half wave, hi vacuum rectifier
6AU5GT	6AU5GT		Beam power amplifier
6AU6	6AU6		Miniature version of 6SH7 Improved Z2097
6AU6A	6AU6A		Controlled heater warm-up time version of 6AU6
6AU6WA	6AU6WA	6136	Reliable version of 6AU6. See 6136
6AU6WB	6AU6WB		Reliable sharp cut off, RF, pentode.
6AU8	6AU8		Receiving miniature pentode-medium mu triode.
6AU8A	6AU8A		Controlled heater warm-up time version of 6AU8
6AV4	6AV4		Miniature full wave rectifier
6AV5GA	6AV5GA		Receiving beam pentode
6AV5GT	6AV5GT		Receiving beam power amplifier
6AV6	6AV6		Miniature double diode high mu triode
6AV11 6AW7GT	6AV11 6AW7GT		Receiving triple triode, Compactron Receiving double diode triode
6AW8	6AW8		High mu triode-sharp cut off pentode
6AW8A	6AW8A	6136	Controlled heater warm-up time version of 6AW8
6AX3	6AX3		Receiving damping diode
6AX4GT	6AX4GT		Half wave high vacuum rectifier for TV damper service
6AX5GT	6AX5GT		Full wave high vacuum rectifier
6AX6G	6AX6G		Full wave rectifier
6AX7	6AX7		High mu twin triode
6 AX8 6AY3	6AX8 6AY3		Receiving triode-pentode Receiving half-wave rectifier,
6AZ5	6AZ5 .	SD1024	damping Subminiature double diode
6AZ6	6AZ6	NU1106	Subminiature double diode Subminiature twin diode
6AZ8	6AZ8		Miniature medium mu triode-pentode
6 B	6B	WE6B	Ballast tube

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	Current Service		
Tube Type	Designation	Other Number	Class Description
6B3	6B3		Receiving half wave rectifier (Canadian).
6B4G	6B4G		Receiving triode power amplifier. Similar to 6A5G, 6A3
6 B5	6B5		Receiving direct coupled double triode amplifier
6B6G	6B6G		Receiving duodiode triode. Similar to 6T7G; Nearest equivalent 6Q7GT; Type 75 characteristics
6B7	6B7	10E/340, VT162(Br.), VT-68	Receiving duodiode pentode
6B7S	6B7S		6B7 with spray shield
6B8	6B8	VT-93	Receiving duodiode pentode. Similar to 687
6B8G 6B8GT	6B8G 6B8GT	VT-93A	Receiving duodiode pentode
6B10	6B10		Receiving duodiode pentode Receiving dual diode, twin triode,
0010	0010		Compactron
6 B21	6 B21		Transmitting diode vacuum rectifier (Lewis)
6BA3	6BA3		Receiving half-wave rectifier, damper
6BA4	6BA4		Planar triode, for use as amplifier in UHF TV region.
6BA5	6BA5		Subminiature pentode
6BA6	6BA6		Miniature version of 6SG7. See also 5749, A4461
6BA6W	5749/6BA6W		See 5749/6BA6W
6 BA7	6BA7		Miniature pentode converter, minia- ture 6SB7Y
6BA8	6BA8		Miniature medium mu triode, sharp cut off pentode
6BA8-A	6BA8-A		Receiving miniature medium mu tri- ode, sharp cut off pentode, similar to 8BA8A.
6BA11	6BA11		Receiving triode, twin pentode, Compactron
6BC4	6BC4		Miniature UHF medium mu triode
6BC5	6BC5		Miniature pentode, hi vacuum version of 6AG5.
6 BC7	6 BC7		Miniature triple diode
6BC8	6BC8		Miniature button, medium mu, semi remote twin triode.
6 BD 4	6BD4		Receiving sharp cutoff beam triode
6BD4A	6BD4A		Receiving sharp cutoff beam triode
6BD5GT	6BD5GT		Receiving beam pentode
6BD6	6BD6		Miniature RF pentode (equivalent to 6SK7GT)
6BD7	6BD7		Miniature double diode triode (Dutch)
6BD11	6BD11		Rec. dual triode, pentode, Compactron

	Current Service		
Tube Type	Designation	Other Number	Class Description
6BE6 6BE6W 6BE7 6BE8	6BE6 5750/6BE6W 6BE7 6BE8		Miniature version of 6SA7. See also 5750. See 5750/6BE6W Miniature heptode converter (Dutch) Miniature medium mu triode-sharp cut off pentode (Dutch)
6BE8A 6BF5 6BF6	6BE8A 6BF5 6BF6	A4442	Controlled warm up version of 6BE8 Miniature pentode power amplifier Miniature duodiode equivalent electri- cally only, to 6SR7)
6 BF7	6BF7		Subminiature double triode. See also 6111.
6BF7A	6BF7A		Subminiature double triode. See also 6111
6BF7W	6BF7W		Rugged subminiature twin triode. Use 6111
6BF8 6BF11 6BG6G 6BG6GA	6BF8 6BF11 6BG6G 6BG6GA		Miniature sextuple diode Rec. double pentode, Compactron Receiving beam power amplifier 6BG6G with T-12 envelope-Receiving beam power amplifier
6BG6GTB 6BG7 6BH3 6BH5	6BG6GTB 6BG7 6BH3 6BH5		Beam power amplifier Subminiature double triode Rec. half-wave rectifier, damper Miniature pentode, variable mu.
6BH6 6BH8 6BJ3 6BJ5 6BJ6 6BJ6A 6BJ7 6BJ8	6BH6 6BH8 6BJ3 6BJ5 6BJ6 JBJ6A 6BJ7 6BJ8	A4524A	Miniature sharp cut off RF pentode Miniature triode-pentode Rec. damping diode, Compactron Miniature pentode (Australian) Miniature remote cut off pentode Miniature remote cut off pentode Receiving triple diode, miniature Miniature, medium mu triode, duo-diode
6BK4 6BK5 6BK6 6BK7 6BK7A	6BK4 6BK5 6BK6 6BK7 6BK7A		Triode voltage regulator Miniature beam power pentode Double diode triode, miniature Miniature twin triode Miniature twin triode, equivalent to and interchangeable with 6BK7
6 BK7B	6BK7B		Controlled heater warm up time version of 6BK7.
6BK8 6BL4 6BL5GT	6BK8 6BL4 6BL5GT		Miniature Af pentode Half wave vacuum rectifier Space charge tetrode, similar to a beam tube
6BL6 6BL7GT 6BL7GTA 6BL8	6BL6 6BL7GT 6BL7GTA 6BL8	SD835H	Klystron, separate cavity Receiving twin triode, low-mu Improved 6BL7GT Receiving triode pentode-(Canadian)

	Current Service		
Tube Type	Designation	Other Number	Class Description
6BM5	6BM5		Miniature wide band power amplifier pentode
6BM6	6BM6	SD835K	Klystron, separate cavity type
6BM6A	6BM6A		Pulse tested 6BM6
6BM8	6BM8		Receiving triode-pentode-(Canadian)
6BN4	6BN4		Medium mu triode
6BN4A	6BN4A		Miniature medium mu triode
6BN5	6BN5		Output pentode
6BN6	6BN6		Miniature beam pentode
6BN7	6BN7		Miniature twin triode
6BN8	6BN8		Receiving miniature, hi mu triode, twin diode
6BQ5	6BQ5	EL84	Receiving power pentode
6BQ6G	6BQ6G		Receiving beam power pentode
6BQ6GA	6BQ6GA	6BQ6GA/6CU6	Receiving beam power pentode
6BQ6GA/6CU6	6BQ6GA/6CU6	6BQ6GA	Receiving beam power pentode
BQ6GT	BQ6GT		Receiving beam power pentode
6BQ6GTA	6BQ6GTA		Receiving beam power pentode
6BQ6GTB/6CU6	6BQ6GTB/6CU6		Receiving beam power pentode
6 BQ7	6BQ7		Miniature twin triode, use 6BQ7A
6BQ7A	6BQ7A		Receiving high frequency twin triode
6BR5	6BR5		Electron ray tuning indicator, (Canadian)
6BR7	6BR7		Miniature pentode
6BR8	6BR8		Receiving triode-pentode
6BS3	6BS3		Half-wave high-voltage vacuum rect.
6BR8A	6BR8A		Same as 6BR8 except controlled heater warming time
6 BS5	6BS5		Rectifier (French)
6BS7	6BS7		Low noise amplifier pentode (British)
6BS8	6BS8		Miniature medium mu twin triode
6BT6	6BT6		Miniature double-diode triode
6BT8	6BT8		Miniature reliatron
6BU4	6BU4		Receiving sharp cut off beam triode
6BU5	6BU5		Receiving beam pentode
6BU6	6BU6		Miniature double diode triode
6BU8	6BU8		Receiving miniature twin pentode
6BV7	6B V7		Miniature double diode power output pentode (Australian)
6BW4	6BW4		Miniature button cathode type full wave rectifier
6BW6	6BW6		Miniature beam power tetrode ampli- fier (British)
6BW7	6BW7		Miniature receiving RF pentode (British)
6BW8	6BW8		Receiving duplex-diode pentode, miriature
6BX4	6BX4		Receiving miniature HV full wave rectifier (French)

	Current		3
	Service		
Tube Type	Designation	Other Number	Class Description
6BX6 6BX7GT 6BX8 6BY4	6BX6 6BX7GT 6BX8 6BY4		Miniature RF pentode (Dutch) Receiving twin triode Miniature twin VHF triode Ceramic high mu triode, micro miniature
6BY5G 6BY5GA 6BY6 6BY7	6BY5G 6BY5GA 6BY6 6BY7	EF85	Receiving full wave rectifier 6BY5G in T-12 envelope Miniature pentagrid amplifier Miniature RF pentode wide band am-
6BY8	6BY8		plifier (Dutch) Miniature diode sharp cutoff pentode, controlled heater warmup time characteristic
6BZ6 6BZ7	6BZ6 6BZ7		Miniature semi-remote cutoff pentode Miniature medium Mu VHF, twin triode, similar to 6BQ7
6BZ8	6BZ8		Miniature button, medium Mu twin triode
6C 6C4 6C4W	6C 6C4 6C4W	EL6C	Rectifier, gas-filled full wave Miniature HF triode. See 6C4WA Ruggedized 6C4. See 6C4WA
6C4WA 6 C5	6C4WA 6 C5	6100 VT-65	Reliable 6C4 Receiving triode amplifier. Nearest eauivalent is 6J5
6C5G 6C5GT	6C5G 6C5GT	VT-65A 6C5GT/G	Replace with 6C5GT Receiving medium Mu triode detector amplifier
6C5GT/G 6C5MG 6C6	6C5GT 6C5MG 6C6	10E/337, VT-161 (Br)	See 6C5GT Obsolete. Equivalent to 6C5GT Receiving sharp cutoff RF pentode.
6.000	6606	1m. 102	Equivalent to 7700, electrically similar to 1620 and 6J7
6C8G 6C9 6C10	6C8G 6C9 6C10	VT-163	Receiving twin triode, Medium Mu Miniature duo-tetrode Triple triode, Compactron
6C21	6C21	1000 spec., GL6C21, ZP5 27	Transmitting triode pulse amplifier
6C22	6C22	L600N	Transmitting UHF triode oscillator, water cooled
6 C23	6C23	X-126H	Transmitting UHF tride oscillator, forced air cooled
6C24	6C24	A2255	Type 8014A with center tap filament. Similar to 5786
6C31 6CA4	6C31 6CA4	EZ81	Triode-heptode High vacuum double anode rectifier (Canadian)
6CA5 6CA7 6CB5 6CB5A	6CA5 6CA7 6CB5 6CB5A	EL34	AF beam power pentode Receiving power pentode (Dutch) High perveance beam power pentode 6CB5 in T-12 envelope

	Current Service		
Tube Type	Designation	Other Number	Class Description
6CB6 6CB6A	6CB6 6CB6A		Miniature pentode voltage amplifier 6CB6 with controlled heater warm up time characteristic
6CD6G 6CD6GA	6CD6G 6CD6GA		Beam power amplifier 6CD6G with button stem in a T-12 bulb, permits operation at higher ratings
6CD7 6CF	6CD7 4B25	EM84 38674A, EL6CF, 6CF	Tuning indicator (Canadian) See 4B25
6CF6	6CF6	•	Miniature sharp cutoff RF pentode
6 CG6	6CG6		Miniature pentode, remote cut off
6 CG7	6CG7		Miniature button medium mu twin triode.
6 CG8	6CG8		Receiving miniature triode-pentode converter
6CG8A	6CG8A		6CGB with controlled heater warm up time
6CH8	6CH6		Miniature button pentode (British)
6 CH7	6CH7		Miniature medium mu twin triode, similar electrically to 6BZ7.
6 CH8	6CH8		Receiving miniature medium mu triode-sharp cut off pentode
6 CJ6	6CJ6		Miniature pentode (Dutch)
6 CK4	6CK4		Low Mu triode
6 CK6	6CK6		Miniature pentode (Dutch)
6CL5	6CL5	•	Receiving beam power amplifier
6 CL6	6CL6		Miniature version of 6AG7
6CL8	6CL8		Receiving miniature triode-tetrode
6CL8A	6CL8A		Controlled heater warm up time version of 6CL8
6CM5	6CM5		Receiving output pentode. (Canadian)
6CM6	6CM6		Receiving beam pentode
6CM7	6CM7		Receiving medium mu duo triode with dissimilar units
6CM8	6CM8	E1 20	Miniature receiving triode-pentode
6CN6	6CN6	EL-38	Receiving pentode (British)
6CN7	6CN7		Receiving hi mu duplex diode-triode Receiving damping diode
6CQ4 6 CQ6	6CQ4 6C06	EF92	Variable mu H.F. pentode, miniature
6CQ8	6CQ8	LI 92	Miniature medium mu triode, sharp
CCD4	6CD4	X2521	cut off tetrode
6CR4	6CR4 6CR5	A2521	Grounder grid triode Miniature beam power tube
6CR5	00113		(Canadian)
6CR6	6CR6		Miniature diode-remote cut off pentode
6CR8	6CR8		Miniature general purpose triode, sharp cut off pentode
6CS5	6CS5		Miniature beam pentode. Similar to 6W6GT

	Current Service		
Tube Type	Designation	Other Number	Class Description
6CS6	6CS6		Miniature button heptode, dual control
6CS7	6CS7		Miniature button double triode with dissimilar sections
6CS8	6CS8		Miniature triode-pentode
6CT7	6CT7	EAF42	Single diode, remote cut off R.F. pen- tode (Dutch)
6CU5	6CU5		Receiving miniature button beam power pentode
6CU6	6CU6		Receiving beam power pentode, similar to 6BQ6GA and 6BQ6GTB
6CU7	6CU7	ECH42	Triode-Hexode converter
6CU8	6CU8		Receiving miniature medium mu tri-
COM	6CV7	EBC41	ode, sharp cut off pentode Double diode – high mu triode
6CV7	6CW4	EDC41	Receiving high-mu triode, Nuvistor
6CW4 6CW5	6CW5	EL86	A.F. output pentode; receiving (Canadian)
6CW7	6CW7	ECC84	Miniature
6CX7	6CX7		Receiving medium mu twin triode
6CX8		6CX8	Receiving miniature triode - sharp cut off pentode
6CY5	6CY5		Miniature sharp cut off tetrode, see also 8113 for Military version
6CY7	6CY7		Miniature dissimilar double triode
6CZ5	6CZ5		Receiving beam power amplifier
6D4	6D4		Thyratron, gas triode
6D5	6D5		Receiving power amplifier triode
6D5G	6D5G		Receiving power amplifier triode (discontinued)
6D6	6D6	10E/338, VT160(Br.), VT-69	Receiving pentode amplifier (nearest equivalent is 6E7)
6 D7	6D7		Sharp cutoff R.F. pentode
6D8	6D8	VR57 (Br.)	Receiving pentagrid converter (obsolete)
6D8G	6D8G		Receiving pentagrid converter (obsolete). Similar to 6A8GT
6D10	6D10	PRODOT PRODI	Triple triode, Compactron
6D21	6D21	RK6D21, RKR71	Transmitting tetrode power amplifier
6 D22	6D22	RK6D22	Transmitting beam power amplifier. Similar to 4X500A
6DA4	6DA4	EMO1	Half wave indirectly heated rectifier
6DA5	6DA5	EM81	Tuning indicator, miniature
6DA6	6DA6	EF89	Miniature RF pentode
6DA7	6DA7		Miniature duo triode, with dissimilar sections
6DB5	6DB5 6DB6		Miniature beam power pentode Miniature sharp cut off pentode
6DB6 6DC6	6DC6		Miniature semi remote cut off pentode
UDCU .	UDCO .		initizature semi remote cut ou pentoue

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.	Current Service		
Tube Type	Designation	Other Number	Class Description
6DC8	6DC8	EBF89	Receiving - double diode remote cut off pentode (Canadian)
6DE4	6DE4		Half wave rectifier for TV damper service
6DE6	6DE6 .		Receiving sharp cut off pentode
6DE7	6DE7		Receiving duo-triode miniature with dissimilar sections
6DG6GT	6DG6GT		Receiving beam power pentode
6DG7	6DG7		Receiving miniature pentode, remote cut off (French)
6DJ8	6DJ8	ECC88	Miniature double triode
6DK6	6DK6	ET OF	Sharp cut off pentode
6DL5	6DL5	EL95	Power out put pentode
6DL7	6DL7		Electron ray tuning indicator (Japanese)
6DM4	6DM4		Half-wave vacuum rectifier for damping diode service
6DN6	6DN6		Receiving beam power amplifier
6DN7	6DN7	K1000DE 5440E	Receiving dissimilar double triode
6DP7	6DP7	K1262P7, Z4495	Cathode ray tube, three beam, round, electrostatic deflection and focus
6DQ4	6DQ4		Half-wave vacuum diode
6DQ5	6DQ5		Receiving beam power tube for TV color receivers
6DQ6A	6DQ6A		Receiving beam power tube
6DR6	6DR6		Receiving pentode (French)
6DR7	6DR7		Miniature double triode with dissimi- lar sections
6DR8	6DR8	EBF83	Double diode remote cut off pentode (Canadian)
6DS4	6DS4		Receiving high-mu triode, Nuvistor
6DS5	6DS5		Receiving beam power tube, 7 pin miniature
6DS8	6DS8	ECH83	Triode-Heptode changer
6DT5	6DT5		Receiving beam power pentode, mini- ature
6DT6	6DT6		Sharp cut off miniature pentode
6DT8	6DT8		High Mu twin triode
6DV4	6DV4		Receiving UHF triode, Nuvistor
6DW4	6DW4		Half-wave vacuum rectifier
6DW5	6DW5		Miniature beam power pentodes
6DX4	6DX4		Miniature UHF triode
6DX8	6DX8		Miniature triode-pentode (Canadian)
6DY5	6DY5		Miniature audio pentode (Canadian)
6DY7	6DY7		Receiving dual beam power pentode
6DZ7	6DZ7		AF power amplifier
6DZ8	6DZ8	VIII OLE	Miniature high mu triode power pentode
6E5	6E5	VT-215	Electron ray tuning indicator. Similar to 6AB5, 6N5

	Current Service		
Tube Type	Designation	Other Number	Class Description
6E6 6E7	6E6 6E7		Receiving twin triode amplifier Receiving pentode amplifier (Type 6U7G characteristics)
6E8 6E8G	6E8 6E8G		Receiving triode-hexode (French) Receiving triode-hexode converter (French), Obsolete
6EA5 6EA7 6EA8 6EB5 6EB8 6EC7 6EF6 6EH5	6EA5 6EA7 6EA8 6EB5 6EB8 6EC7 6EF6 6EH5		Sharp cut off miniature tetrode Dual triode with dissimilar sections Miniature triode pentode Miniature double diode Miniature triode-pentode Variable mu h-f pentode (British) Receiving beam power pentode. Miniature power pentode
6EH7 6EH8	6EH7/EF183 6EH8	EF183	Receiving i-f pentode (Canadian) Miniature triode-pentode with a controlled heater warm up time characteristic
6EJ7 6EL7 6EM5 6EM7 6EP	6EJ7 6EL7 6EM5 6EM7 6EP	6F23	Receiving i-f pentode (Canadian) Miniature h-f pentode (British) Miniature beam power tube Dual triode, dissimilar sections Cathode ray-electrostatic focus and deflection (British)
6EQ7 6ER5 6ES5 6ES6	6EQ7 6ER5 6ES5 6ES6	EF97	Miniature diode pentode Miniature tetrode, frame grid Miniature high mu triode Receiving remote pentode cut off (Canadian)
6ES8	6ES8		Miniature high mu, variable mu twin triode (Canadian)
6ET6	6ET6	EF98	Receiving IF-AF amplifier pentode (Canadian)
6ET7 6EU7 6EU8 6 EV5 6EW6	6ET7 6EU7 6EU8 6EV5 6EW6		Miniature duo-diode pentode Miniature high-mu twin triode Miniature triode pentode Miniature sharp cut off tetrode Miniature sharp cut off pentode
6EW7 6EX6 6EY6 6EZ5	6EW7 6EX6 6EY6 6EZ5		Dissimilar double triode Beam power pentode Beam power pentode Beam pentode, deflection amplifier
6EZ8 6F4	6EZ8 6F4	A2227	Miniature triple triode Receiving acom-type UHF triode oscillator
6F5	6F5		Receiving triode amplifier (6Q7 will replace if lead on pin #4 is put on pin #3)
6F5G	6F5G		Replace with 6F5GT

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	Current Service		
Tube Type	Designation	Other Number	Class Description
6F5GT	6F5GT		Receiving triode amplifier (6Q7GT will replace if lead on pin #4 is put on pin #3)
6F5MG	6F5MG		Obsolete-equivalent to 6F5 and 6F5GT
6F6 6F6G	6F6 6F6G	VT-66 10E/346, NR85, ARP17, W1535, VT-66A, KT63(Br)	Receiving pentode power amplifier Use 6F6GT
6F6GT 6F6MG	6F6GT 6F6MG		6F6 in T-9 envelope Obsolete; equivalent to 6F6 and 6F6GT
6F7 6F7S	6F7 6F7S	VT-70	Receiving triode pentode Receiving triode pentode. Obsolete use 6F7
6F8G	6F8G	VT-99	Receiving twin triode. Similar to 6SN7GT, 7N7, 6AH7GT
6FA7 6FC7 6FD6 6FD7 6FE5 6FG6	6FA7 6FC7 6FD6 6FD7 6FE5 6FG6		Miniature diode tetrode Double triode, frame grid (British) Miniature sharp cutoff pentode Dissimilar double triode Beam power tube Indicator tube with amplifying triode for use as tuning indicator or for modulation control (Canadian)
6FG7 6FH5 6FH6	6FG7 6FH5 6FH6		Triode pentode for vhf Miniature triode, sharp cutoff Beam power pentode-TV horizontal deflection
6 FH8	6FH8		Miniature medium-mu triode-three plate tetrode
6FJ7	6FJ7		Dissimilar double triode, deflection oscillator and amplifier
6FM8	6FM8		Duplex diode-high mu triode
6FP	6FP		Cathode ray tube, rectangular, electrostatic focus & deflection
6FN5	6FN5		Pentode deflection amplifier (French)
6FQ5	6FQ5		Miniature vhf triode, frame grid
6FQ7 6FR7	6FQ7 6FR 7		Miniature twin triode, medium, mu
6FS5	6F\$5		Dissimilar double triode
6FV6	6FV6		Miniature vhf beam pentode Miniature sharp cut off pentode
6FV8	6FV8		Miniature triode pentode
6FW5	6FW5		Beam pentode deflection amplifier
6FW7	6FW7		Subminiature dual triode (Japan)
6FW8	6FW8		Medium mu twin triode
6FY5	6FY5	VIOOD	Miniature vhf triode, frame grid
6G4 6G5	6G4 6G5	X102B	Receiving UHF triode amplifier Electron ray tuning indicator, see 6U5

	Current Service		
Tube Type	Designation	Other Number	Class Description
6G6G 6G6GT 6G7	6G6G 6G6GT 6G7	VT-198A 89RS	Receiving pentode power amplifier Receiving pentode power amplifier Receiving pentode duo-diode (Canadian)
6G8G	6G8G		Receiving duodiode remote cut off pentode (Australian)
6G11	6G11		Dissimilar double pentode, Compactron
6G12	7H12		See 7H12
6GA8	6GA8		Twin triode (British)
6GB5	6GB5		Beam power pentode
6GC5 6GC6	6GC5 6GC6		Beam power pentode, audio Beam power pentode, deflection amplifier
6GD7 6GE5	6GD7 6GE5		Miniature triode pentode Beam pentode, deflection
COEO	COPO		amplifier, Compactron
6GE8 6GF5	6GE8 6GF5		Miniature triode pentode Beam pentode, Compactron
6GF7	6GF7		Miniature dissimilar dual triodes
6GH8	6GH8		Medium mu triode-sharp cut off pentode
6GJ5	6GJ5		Miniature beam power
6GJ7	6GJ7	ECF-801	Miniature triode pentode
6GJ8	6GJ8		Miniature triode pentode
6GK5 6GK6	6GK5 6GK6		Miniature whf triode, frame grid
6GK7	6GK7		Miniature beam power pentode Miniature high gain pentode (Canadian)
6GM5	6GM5		Beam power amplifier
6GM6	6GM6		Miniature semi-remote pentode
6GM8	6GM8		Miniature double triode (Canadian)
6GN8	6GN8		Miniature triode pentode
6GP	6GP		Cathode ray tube, dual beam,
6GQ7	6GQ7		electrostatic deflection and focus Miniature triple triode
6G\$8	6GS8		Miniature dual pentode
6GT5	6GT5		Beam power tube, deflection amplifier
6GU7	6GU7		Miniature twin triode for color TV
6GV7	6GV7		VHF triode pentode (British)
6GW5	6GW5		Miniature triode, frame grid
6GW6	6GW6		Beam power, deflection amplifier
6GW8 6GX6	6GW8 6GX6		Miniature triode pentode
6GY5	6GY5		Miniature sharp cutoff persède Beam pentode deflection amplifier
6GY6	6GY6		Miniature sharp cutoff pentode
6GY8	6GY8		Miniature triple triode
6GZ5	6GZ5		Miniature audio power pentode
H-6	H-6		Transistor

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	Current Service		
Tube Type	Designation	Other Number	Class Description
6H-4 6H4/XXL 6H4GT 6H5	6H-4 6H4/XXL 6H4GT 6H5/6G5		Ballast tube Receiving diode rectifier (obsolete) Receiving diode rectifier (obsolete) See 6H5/6G5
6H5/6G5	6H5/6G5	6H5	Electron ray tuning indicator obso- lete-replace with 6U5/6G5
6H6 6H6G	6H6 6H6G	VT-90	Receiving duodiode rectifier Replace with 6H6GT
6H6GT 6H6GT/G 6H6MG	6Н6GT 6Н6GT 6Н6МG	Vt-90A, 6J6GT/G	6H6 in T-9 envelope See 6H6GT Obsolete, equivalent to 6H6 and
6H6WGT	6H6WGT		6H6GT/G Ruggedized version of 6H6GT Regarding high multiple power per-
6H7M 6H7S	6H7M 6H7S		Receiving high mu-triode, power pen- tode (spray shield) Canadian Receiving high mu-triode, power pen-
			tode (spray shield) Canadian
6H8G	6H8G	EC000	Receiving duodiode pentode Miniature r-f triode
6HA5 6HB5	6HA5 6HB5	EC900	Beam pentode deflection amplifier, Compactron
6HB6 6HC8	6HB6 6HC8		Power pentode deflection amplifier Triode pentode, deflection oscillator and amplifier
6HD5 6HE5	6HD5 6HE5		Beam power pentode, Compactron Beam power pentode, Compactron Beam power pentode, Compactron
6HF5 6HF8 6HG8	6HF5 6HF8 6HG8		Miniature triode pentode Miniature triode pentode (British)
6HJ8 6HK5	6НЈ8 6НК5		Miniature diode pentode Miniature vhf triode, frame grid
6HK8 6HQ6	6HK8 6HQ6		Miniature twin triodes (Japan) Miniature semi-remote pentode (Canadian)
6HR6 6HS8	6HR6 6HS8		Miniature semi-remote pentode Miniature twin pentode
6HU6 6HU8	6HU6 6HU8	EM87 ELL80	Miniature amplifier-level indicator Miniature twin pentode (German)
6HW8	6HW8		Miniature sheet beam tube
6HZ6	6HZ6		Miniature dual control pentode Miniature triode pentode
6HZ8	6HZ8 6H16		Ballast tube
6HI6 6IT6	6IT6		Ion trap; hi voltage switching pentode
6J4 6J4WA	6J4 6J4WA	A2209, A2209A	Miniature triode, hi frequency Reliable version of 6J4, see also 7137
6 J5	6 J5	VT-94	Receiving medium mu triode amplifier fier. Similar to 6C5

	Current Service		
Tube Type	Designation	Other Number	Class Description
6 J5G	6J5G VT-94A, L63(Br)	British NR78A & VR67,	Replace with 6J5GT
6 J5G Special Selected	6J5G Special Selected	VT-94C	Receiving medium mu triode amplifier
6J5GT	6J5GT	SS6J5GT/G, VT-94D, 10E/11448	Receiving triode amplifier (similar to 6C5GT)
6J5GTX 6J5GX 6J5MG 6J5 Special Selected	6J5GTX 6J5GX 6J5MG 6J5 Special VT-94B Selected	HY6J5GTX	Type 6JSGT with ceramic base Type 6J5G with ceramic base Obsolete, equivalent to 6J5 and 6J5GT
6J5WGT 6J6 6J6A	6J5WGT 6J6 6J6A	A4434	Ruggedized version of 6J5GT Miniature UHF twin triode Miniature twin triode, UHF. See 6J6WA
6J6W 6W6WA 6J7 6J7G	6J6W 6J6WA 6J7 6J7G	6101, 6101/6J6WA VR56(Br.), VT-91	Ruggedized 6J6. See 6J6WA Reliable version of 6J6W Receiving sharp cut off R.F. pentode Replace with 6J7GT
6J7GT 6J7GTX 6J7MG	6J7GT 6J7GTX 6J7MG	VT-91A HY6J7GTX	6J7 in T-9 envelope Type 6J7GT with ceramic base Obsolete-equivalent to 6J7, 6J7G, and 6J7GT
6 J8G	6J8G		Receiving triode heptode converter (similar to 6A8GT, 6D8G, and 7J7)
6J10	6J10		Pentode-Gated beam discriminator, Compactron
6J11 6J21 6JB6 6JC6 6JC8 6JE6	6J11 6J21 6JB6 6JC6 6JC8 6JE6	L3000	Twin pentode, Compactron CW magnetron. Obsolete. Use 5607 Beam power tube Miniature sharp cutoff pentode Miniature triode-pentode Beam power tube, deflection amplifier
6JE8 6JH6 6JH8 6JK6 6JK8 6JL6 6JN8 6JU8 6JV8 6JZ8	6JE8 6JH6 6JK6 6JK8 6JL6 6JN8 6JU8 6JU8		Miniature triode-pentode Miniature semi-remote pentode Miniature double plate sheet beam Miniature sharp cutoff pentode Miniature dissimilar dual triode Miniature semi-remote pentode Miniature triode pentode Miniature quadruple diode Miniature triode pentode Triode and beam pentode, Compactron
6K4 6K4A 6K5	6K4 6K4A 6K5	SB834	Subminiature triode. Improved 6K4. Receiving triode amplifier. Nearest equivalent 6Q7; similar to 6F5 Replace with 6K5GT
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	Current Service		
Tube Type	Designation	Other Number	Class Description
6K5GT	6K5GT		Receiving hi mu triode amplifier nearest equivalent 6Q7GT; similar to 6F5GT)
6K5WGT 6K6	6K5WGT 6K6		Rugged version of 6K5GT Power out put pentode
6K6G	6K6G	VT-152A	Replace with 6K6GT, miniature version is 6AR5
6K6GT 6K6GT/G	6K6GT 6K6GT	6K6GT/G, VT-152	Power amplifier pentode See 6K6GT
6K7	6K7	VR53(Br.), VT-86	Receiving pentode amplifier, similar to 78
6K7G	6K7G	British NR81, SS6K7G, VT-86A	Receiving pentode amplifier
6K7GT	6K7-5	VT-86B	Receiving pentode amplifier (similar to 6S7G, 6U7G, 6W7G)
6K7GTX 6K7MG	6K7GTX 6K7MG	HY6K7GTX	Type 6K7GT with ceramic base Obsolete-equivalent to 6K7, 6K7G, and 6K7GT
6K8	6K8	VT-167	Receiving triode hexode converter
6K8GT	6K8G 6K8GT	VT-167A	Receiving triode hexode converter Receiving triode hexode converter (equipped with special shield)
6K8GTX 6K11 6KA8 6KE8 6KM8 6KN8 6KR8 6KS8 6KT8 6KU8 6KV8 6KZ8	6K8GTX 6K11 6KA8 6KE8 6KM8 6KN8 6KR8 6KS8 6KT8 6KU8 6KV8 6KV8	HY6K8GTX A2297	Type 6K8GT with ceramic base Three section triode, Compactron Miniature triode pentode Miniature triode pentode Miniature diode triple-plate tetrode Miniature twin triode (Japan) Miniature triode pentode Miniature triode pentode Miniature triode pentode Double diode, pentode Miniature triode pentode Miniature triode pentode Miniature triode pentode Miniature triode pentode Acom type UHF triode, selected 6F4
.6L5G	6L5G	VT-213A	Receiving triode detector amplifier (150 ma heater version of 6J5G)
6L6	6L6	VT-115	Transmitting and receiving pentode power amplifier. 1614 is a selected 6L6. Use 6L6WGB
6L6A 6L6G	6L6W 6L6G	VT-115A	Obsolete, superseded by 6L6W Obsolete, nearest equivalent 6L6GA- Similar to British NR77
6L6GA	6L6GA		Type 6L6G in ST-14 envelope. See also 5932. Not directly interchangeable
6L6GAY 6L6GB	6L6GAY 6L6GB		6L6GA with micanol base Receiving beam power amplifier; sim-
6L6GT	6L6GT		ilar to 5932, 6L6, 6L6G and 6L6GA 6L6 in T-9 envelope

T 1. T .	Current Service		
Tube Type	Designation	Other Number	Class Description
6L6GTX	6L6GTX		See 6L6GX; the 6L6GTX never existed
6L6GX	6L6GX	HY6L6GX	Type 6L6G with ceramic base (similar to T21)
6L6W	6L6W		Ruggedized version of 6L6. Replaced by 6L6WG
6L6WGA	5932		See 5932
6L6WGB	6L6WGB	5881	Receiving beam power pentode. Reliable version of 6L6
6L6WGT 6L6Y	6L6WGT 6L6Y		Ruggedized 6L6
6L7	6L7	VT-87	6L6 with micanol base Receiving pentagrid mixer amplifier
6L7G	6L7G	VT-87A	Receiving pentagrid mixer amplifier- obsolete. Nearest equivalent 6L7, tuned circuits may require realign- ment
6LB8 6 M3	6LB8 6M3		Triode pentode, frame grid Half wave diode
6M5	6M5		Miniature pentode power amplifier
6M6G	6M6G		Receiving pentode power amplifier
6M7G	6M7G		Receiving remote cut off pentode amplifier
6M8GT	6M8GT		Receiving diode triode pentode
6M11 6N3	6M11 6N3		Twin triode, pentode, Compactron
6N4	6N4		High voltage rectifier (Canadian) Miniature triode amplifier-oscillator
6N5	6AB5/6N5		See 6AB5/6N5
6N5G	6N5G		See 6AB5/6N5
6N6G	6N6G		Receiving direct coupled double triode. Obsolete. Similar to 6B5, 6AB6G
6N6MG 6N7	6N6MG	VT-96	Obsolete, equivalent to 6N6G
	6N7	V 1-90	Receiving twin triode power ampli- fier
6N7G	6N7G		Replace with 6N7GT. Similar to British NR73
6N7GT/G	6N7GT 6N7GT	6N7GT/G	Receiving twin triode power amplifier See 6N7GT
6N8	6 N8		Miniature pentode-twin diode
6N045	6N045		Thermostatic relay tube (not an electron tube)
6P5G 6P5GT	6P5G 6P5GT	6P5GT/G	Replace with 6P5GT
		0F3G1/G	Receiving triode amplifier detector (similar to 6AG5G, 76)
6P5GT/G 6P7G	6P-5 6P7G		See 6P5GT Receiving triode pentode (Type 6F7
6P8G	6P8G		characteristics) Receiving triode hexode converter
6 P12	6P12		(British)
6P90	6P90		British-logarithmic pentode Ballast tube
••	••		

	Current Service		
Tube Type	Designation	Other Number	Class Description
6PEB	6PEB	m	Phototube multiplier
6Q4	6Q4	EC80	Miniature grounded grid triode (Dutch)
6 Q4	6Q4	A2298, A2304	Receiving acorn triode, selected 6F4. Obsolete
6Q5G	884		See 884
6Q6	6Q6		Obsolete. See 6Q6G
6Q6G	6Q6G	6Q6	Diode triode. Obsolete, nearest equivalent is 6T7G
6Q7	6Q7	VT-92	Receiving duodiode triode
6Q7G	6Q7G .	British NR68 & DH63, VT-92A	Replace with 6Q7GT
6Q7GT	6Q7GT		Receiving duodiode triode (equipped with special shield, similar to 6T7G and 6Q6G)
6Q7 MG	6Q7MG		Obsolete, equivalent to 6Q7 and 6Q7GT
6Q11	6Q11		Triple triode
6R3	6R3		Booster diode (Canadian)
6R4	6 R4		Triode power amplifier oscillator
6R6G	6R6G		Receiving pentode voltage amplifier
6R7	6R7	VR55 (Br.), VT-88	Receiving duodiode triode
6R7G	6R7G	VT-88A	See 6R7GT; replace with 6R7GT
6R7GT	6R7GT	6R7GT/G, VT-88B	Receiving duodiode triode
6R7GT/G	6R7GT		See 6R7GT
6R7MG	6R7MG		Obsolete, equivalent to 6R7 and 6R7GT
6R8	6R8		Miniature triple diode, triode power amplifier
6S2	6S2		Hi vacuum single anode rectifier (Canadian)
6S2A	6S2A		6S2 with chemically treated envelope
6S4	6S4		Triode voltage amplifier, miniature
6S4A	6S4A		Miniature triode amplifier; 6S4 with controlled warm up characteristic
6 S5	6S5		Electron ray tuning indicator
6S6GT	6S6GT		Receiving pentode amplifier
6S7	6S7		Receiving remote cut off pentode amplifier
6S7G	6\$7G		Receiving pentode amplifier
6 38 GT	6S8GT		Receiving triple diode, triode
6SA7	6SA7	VT-150	Receiving pentagrid converter See 6BE6
6SA7G	6SA7G		Replace with 6SA7GT
6SA7GT	6SA7GT	VT-150A, 6SA6GT/G	Receiving pentagrid converter
6SA7GT/G	6SA7GT		See 6SA7GT
6SA7GTX	6SA7GTX	HY6SA7GTX	Type 6SA7GT with ceramic base
6SA7GTY	6SASGTY		6SA7GT with Micanol base
6SA7WGT	6SA7WGT		Ruggedized version of 6SA7GT
6SA7Y	6SA7Y		6SA7 with Micanol base

	Current Service		
Tube Type	Designation	Other Number	Class Description
6SB7	6SB7		Receiving pentagrid converter (similar to 6SA7)
6SB7Y 6SC7 6SG7GT	6SB7Y 6SC7 6SC7GT	VT-105	6SB7 with Micanol base. Receiving twin triode amplifier Receiving twin triode amplifier.
6SG7GTY 6SD7GT	6SC7GTY 6SD7GT		Similar to 6SL7GT Type 6SC7GT with phenolic base Receiving pentode amplifier. Similar
6SE7GT	6SE7GT		to 6SE7GT, 6SG7, 6SH7GT Receiving triple grid amplifier. Similar to 6SD7GT, 6SG7, 6SH7GT
6SF5 6SF5GT 6SF7	6SF5 6SF5GT 6SF7		Receiving triode amplifier Receiving triode amplifier Receiving diode, RF remote cut off pentode
6SF7GT 6SG7	6SF7GT 6SG7	VT-211	Receiving voltage amplifier Receiving pentode amplifier. See also 6BA6
6SG7GT	6SG7GT		Receiving RF pentode amplifier, semi remote cut off.
6SG7Y 6SH7	6SG7Y 6SH7		6SG7 with Micanol base. Obsolete Receiving pentode amplifier. See also 6AU6
6SH7GT	6SH7GT		Receiving pentode amplifier. Similar to 6SG7, 6SD7GT, 6SE7GT
6SH7L	6SH7L		Ruggedized receiving pentode ampli- fier
6SJ7	6SJ7	VT-116	Receiving RF pentode amplifier. See also 5693
6SJ7GT 6SJ7GTX 6SJ7GTY 6SJ7W 6SJ7WGT 6SJ7WGTY	6SJ7GT 6SJ7GTX 6SJ7GTY 6SJ7W 6SJ7WGT 6SJ7WGTY	VT-116A HY6SJ7GTX	Receiving pentode amplifier 6SJ7GT with ceramic base 6SJ7GT with Micanol base Ruggedized version of 6SJ7 Ruggedized version of 6SJ7GT Ruggedized version of 6SJ7GT with Micanol base
6\$J7Y 6\$K7	6SJ7X 6SK7	VT-116B VT-117	6SJ7 with Micanol base Receiving pentode amplifier, see 6SK7WA for rugged military version
6SK7G 6SK7GT/G 6SK7GTX 6SK7GTY 6SK7W 6SK7W 6SK7WA 6SK7WGT	6SK7G 6SK7GT 6SK7GTX 6SK7GTX 6SK7GTY 6SK7W 6SK7WA 6SK7WA 6SK7WGT	6SK7GT/G, VT117A HY6SK7GTX	Replace with 6SK7GT Receiving pentode amplifier See 6SK7GT 6SK7GT with ceramic base 6SK7GT with Micanol base Ruggedized version of 6SK7. Reliable 6SK7. Ruggedized version of 6SK7GT 6SK7 with Micanol base

	Current Service		
Tube Type	Designation	Other Number	Class Description
6SL7A 6SL7GT	6SL7A 6SL7GT	VT-229	Obsolete (superseded by 6SL7WGT) Receiving twin triode amplifier. Similar to 6SC7GT. See also 5691
6SL7L 6SL7W	6SL7L 6SL7WGT		Ovsolete (superseded by 6SL7WGT) See 6SL7WGT, see also 5691 for re- liable similar type.
6SL7WGT	6SL7WGT		Ruggedized version of 6SL7GT
6SN7A 6SN7GT	6SN7WGT 6SN7GT	VT-231	Obsolete (superseded by 6SN7WGT) Receiving twin triode amplifier. See also 5692.
6SN7GTA 6SN7GTB	6SN7GTA 6SN7GTB		Receiving double triode 6SN7GTA with controlled warm up characteristic
6SN7GTY 6SN7L	6SN7GTY 6SN 7 WGT		6SN7GT with micanol base Obsolete (superseded by 6SN7WGT)
6SN7W	6SN7WGT	A4273B	See 6SN6WGT
6SN7WGTA	6SN7WGT 6SN 7 WGTA	6SN7W	Ruggedized 6SN7GT, see also 5692 Reliable medium mu twin triode am- plifier
6SQ7 6SQ7G	6SQ7 6SQ7G	VT-103	Receiving duodiode hi mu triode Replace with 6SQ7GT
6SQ7GT 6SQ7GT/G	6SQ7GT 6SQ7GT	6SQ7GT/G	Receiving duodiode triode See 6SQ7GT
6SR7	6SR7	VT-233	Receiving duodiode triode
6SR7GT	6SR7GT	s .	Receiving duodiode triode. Similar to 6ST7
6SS7	6SS7	VT-199	Receiving pentode amplifier. 150 ma heater version of 6SK7
6SS7GT 6ST7	6SS7GT 6ST7	VT-205	Receiving pentode amplifier Receiving duodiode triode. 150 ma heater version of 6SR7
6SU7GT	6SU7GT		Receiving triode
6SU7GTX	6SU7GTX		Receiving triode with ceramic base. Selected 6SL7GT
6SU7GTY	6SU7GTY		Receiving triode with micanol base. Selected 6SL7GT
6SU7WGT 6SV7	6188 6SV7		See 6188 Receiving metal diode, sharp cut off
6SV7GT	6SV7GT		RF pentode Receiving metal diode pentode
6SZ7	6SZ7		Receiving duodiode high mu triode
6T4	6T4		Miniature receiving UHF oscillator triode. See also 2T4
6T5	6T5		Electron ray tuning indicator. Replace with 6U5/6G5
6T6GM	6T6GM		Receiving triple grid amplifier
6T7G	6T7G	6T7G/6Q6G	Receiving duodiode triode (obsolete, nearest equivalent are 6B6G and 6Q7GT)
6T7G/6Q6G	6T7G		See 6T7G

	Current Service		
Tube Type	Designation	Other Number	Class Description
6T8 6T8A	6T8 6T8A		Miniature triple diode hi mu triode 6T8 with quick heater warm up char- acteristic
6T10	6T10		Dissimilar double pentode, Compactron
6U3 6U4GT 6U5	6U3 6U4GT 6U5	6G5, 6U5/6G5	Miniature diode (Dutch) Half wave rectifier Electron ray tuning indicator
6U5/6G5 6U6GT	6U5 6U6GT	6G5, 6U5, VT-98	See 6U5 Receiving tetrode power amplifier. Similar to 6W6GT, 6Y6G
6U6WGT 6U7G	6U6WGT 6N7G		Ruggedized version of 6U6GT Receiving pentode amplifier. Similar to 6D6, 6K7GT, 6S7G, 6W7G, 6J7GT
6U8 6U8A	6U8 6U8A		Miniature triode pentode 6U8 with controlled warm up characteristic
6U10 6V3 6V3A 6V4	6U10 6V3 6V3A 6V4		Triple triode, Compactron Miniature half wave vacuum rectifier 6V3 with slightly larger bulb. Miniature hi vacuum full wave recti- fier
6V5GT 6V6	6V5GT 6V6	VT-107	Receiving beam pentode Transmitting and receiving tetrode amplifier
6V6G 6V6GT	6V6G 6V6GT	VT-107B VT-107A, 6V6GT/G	Replace with 6V6GT Receiving UHF tetrode amplifier. Similar to 6K6GT, 6F6GT
6V6GT/G 6V6GTX 6V6GTY 6V60X 6V6Y 6V7G	6V6GT 6V6GTX 6V6GTY 6V6GX 6V6Y 6V7G	HY6V6GTX	See 6V6GT Type 6V6GT with ceramic base 6V6GT with Micanol base Type 6V6G with ceramic base 6V6 with Micanol base Receiving duodiode triode. Similar to 85 and 6R7GT
6V8 6W2	6V8 6W2		Miniature triple diode triode, hi mu Half wave hi voltage rectifier (British)
6W4GT 6W5G	6W4GT 6W5G	X1730/6W4GT	Half wave vacuum rectifier Receiving duodiode rectifier (obsolete, replace with 6X5GT)
6W5GT 6W6	6W5GT 6W6	VT-196	Receiving duodiode rectifier Receiving pentode amplifier. Similar to 6U6GT, 6Y6G
6W6GT	6W6G5		Receiving pentode amplifier (obsolete) (nearest equivalent 6U6GT, 6Y6G); similar to 7A5, 12A6GT, 14A5

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
6W7G	6W7G		Receiving triple grid pentode ampli- fier (obsolete) 6J7GT nearest equiv- alent
6X2	6X2		Subminiature high voltage, hi vacuum rectifier. (Dutch)
6X4	6X4		Miniature duodiode vacuum rectifier
6X4W	6X4W	QM556	Ruggedized version of 6X4.
6X4WA	6X4WA		Reliable, miniature duodiode vacuum rectifier.
6X5	6X5	VT-126	Replace with 6X5GT
6X5G	6X5G	VT-126A	Replace with 6X5GT
6X5GT	6X5GT	6X5GT/G, VT-126B	Receiving duodiode rectifier. Similar to 6W5G, 0Z4, 6ZU5G
6X5GT/G	6X5GT		See 6X5GT
6X5L	6X5WGT		See 6X5WGT
6X5MG	6X5MG		Obsolete. Equivalent to 6X5 and 6X5GT
6X5S	6Y5		See 6Y5
6X5W	6X5WGT		See 6X5WGT
6X5WGT	6X5WGT	6X5L, 6X5W	Ruggedized version of 6X5GT. See 5852
6X6G	6X6G		Electron ray tuning indicator (Canadian), same as 6E5 except base.
6X8	6X8		Miniature triode pentode converter
6X8A	6X8A		6X8 with controlled heater warm up characteristic.
6 Y3G	6Y3G		Receiving diode rectifier (Canadian)
6 Y5	6Y5	6X5S	Receiving duodiode rectifier (type 84/6Z4 characteristic)
6 Y5G	6 Y5G		Receiving duodiode rectifier (obsolete, 6X5 nearest equivalent)
6Y5GT	6Y5GT		Receiving duodiode rectifier (obsolete, 6X5 nearest equivalent)
6 Y5V	6Y5V		Receiving duodiode rectifier
Y6YG	6Y6G	VT-168Å	Receiving tetrode amplifier. Similar to 6U6GT, 6W6GT
6Y6GA	6Y6GA		6Y6G in T-12 envelope
6 Y 7 G	6 Y 7 G		Receiving twin triode amplifier. Obsolete (Type 79 characteristics)
6 Z3	1V		See 1V
6Z4	84/6Z4		See 84/6Z4
6Z5	6Z5		Receiving duodiode rectifier. Obsolete (Type 84/6Z4 characteristics)
6Z6MG	6Z6MG		Receiving duodiode rectifier
6Z7G	6 Z 7 G		Receiving twin triode amplifier
6Z5 YG	6ZY5G		Receiving duodiode rectifier. Low fila- ment current type 6X5G; similar to 6X5GT/G, 6W5G, 0Z4
B -7	B -7		Geiger-Mueller counter tube
BC-7	BC-7		Geiger-Mueller counter tube

Tube Type	Current Service Designation	Other Number	Class Description
	•		Class Description
BS7 CE7 CE7C	BS7 CE7A/B, C, D CE7C	VG15 75A, G7, NU7	Beta-Gamma counter tube Phototube Phototube
D7-20	D 7- 20		Ballast tube
G7 G 7 R	G7 G7R		Gas phototube Subminiature pentode
GL7C29	GL7C29		See 7C29
GL7D21 HK-7T	GL7D21 6695		See 7D21 See 6695. Similar to 5586. See OK253
HK7	HK7		See 4J31-35
K7 K7RF4	K7 K7RF4	VT-257	See 2J30-34 See 2J32
K7Tl	K7T1		See 2J66
K7T2 K7T3	K7T2 K7T3		See 2J67 See 2J68
K7T4	K7T4		See 2J69
NB7 NE7	NB7 NE7		Resistance tube-obsolete Neon lamp
NU7	NU7	CE7	Gas phototube
PJ7 PM-7	PJ7 PM -7		Special vacuum-control tube Power measurement lamp
REL7	VC92/4C27		See CV92/4C27
SRL-7A SRL-7C	SRL7A SRL-7C		Klystron oscillator Klystron oscillator, 1.8 to 2.1 KMc, Po 5 to 10W
SRL-7F	SRL-7F		Klystron oscillator, 1.7 to 1.9 KMc, Po 5.7 to 9.2W
SRL-7G	SRL-7G		Klystron, 1.9 to 2.1 KMc, Po 6.5 to 9.6W
SRL-7H V7	SRL-7H V7		Klystron, 2.1 to 2.4 KMc, Po 7 to 10W Vacuum phototube
WE7A	7A		See 7A
7 7Å	7 7A	WE7A	Ballast tube Photoelectric cell (obsolete)
7A4	7Å4	VT-192	Receiving lock-in type triode amplifier
7A5	7A5		Receiving lock-in type pentode power amplifier
7A6	7A6		Receiving lock-in type duodiode recti- fier (similar to 7X4, 7Z4)
7 A7	7 A7		Receiving lock-in type pentode amplifier (similar to 7B7, 7C7)
7A7LM	7A7LM		Receiving RF amplifier (obsolete, replace with 7A7)
7A8	7A8		Receiving lock-in type octode converter (similar to 7B8, 7S7, 7J7, 6D8G)
7A10	7A10	1204	Ballast tube
7AB7/1204 7ABP	7AB7/1204 7ABP	K1195, K1304P7	Receiving lock-in type UHF pentode Cathode ray tube, magnetic deflection, electrostatic focus

Tube Type	Current Service Designation	Other Number	Class Description
1000 1700	5 congitation	Other Homber	Cruss Description
7ACP	7ACP	K1097	Cathode ray tube, electrostatic focus and deflection
7AD7	7AD7		Receiving lock-in type pentode amplifier, similar to 6AG7, 6AQ5.
7ADP	7ADP	K1149P	Cathode ray tube, electrostatic focus and deflection.
7AEP	7AEP	K1268P	Cathode ray tube, electrostatic focus and deflection
7AF7	7AF7		Receiving lock-in type twin triode amplifier
7AFP	7AFP	K1123	Cathode ray tube, magnetic focus and deflection, Flying spot scanner
7A G7	7AG7		Receiving lock-in type pentode amplifier
7AGP	7AGP		Cathode ray tube, electrostatic focus and deflection
7AH7	7AH7		Receiving lock-in type pentode amplifier
7AHP1	7AHP1		Cathode ray tube (British)
7AJ7	7AJ7		Receiving sharp cut-off pentode
7AJP	7AJP	K1413	Cathode ray tube
7AK7	7AK7		Receiving pentode-lock-in
7 AKP	7AKP	K1440, GL4386	Cathode ray tube, electrostatic focus and deflection. Dual beam. Rectang- ular face
7ALP	7ALP		Cathode ray tube, electrostatic focus and deflection
7AMP	7AMP	K1148	Cathode ray tube, square face, two beam, electrostatic focus and deflection
7AP4	7AP4		Cathode ray tube, obsolete
7AQP	7AQP	B1175	Miniaturized cathode ray tube, elec- trostatic focus, magnetic deflection
7ARP	7ARP		Cathode ray tube, electrostatic focus, magnetic deflection
7ATP	7ATP	GL4475, 71WHP, K1070, K1582P	Electrostatic focus and deflection
7 AU7	7AU7		Receiving miniature medium mu twin triode, see also 12AU7
7AUP	7AUP		Cathode ray tube, small neck, magnetic focus and deflection
7AVP	7AVP		Cathode ray tube, magnetic focus and deflection
7AWP5	7AWP5		Cathode ray tube, magnetic deflection and focus
7A XP	7AXP		Cathode ray tube, four-beam, square face, electrostatic deflec- tion and focus
7AYP19	7AYP19	Z4414	Cathode ray tube, rectangular, electrostatic focus and deflection

	Current Service		
Tube Type	Designation	Other Number	Class Description
7B 7B4	4E27 7B4		See 4E27 Receiving lock-in type triode amplifier, hi mu
7 B5	7 B 5		Receiving lock-in type pentode power amplifier (similar to 7C5)
7B5LT 7B6	7B5LT 7B6		Obsolete, replace with 7B5 Receiving lock-in type duodiode-triode (similar to 7C6)
7B6LM 7B7	7B6LM 7B7		Obsolete, replace with 7B6 Remote cut off receiving lock-in type RF pentode amplifier (similar to 7A7, 7C7)
7B 8	7B8	VT-208	Receiving lock-in type pentagrid converter (similar to 6A8, 7A8, 7S7, 7J7)
7B8LM 7B33 7BAP	7B8LM 953E 7BAP		Receiving pentagrid converter See 953E Cathode ray tube, dual-beam, rec-
7BCP15, P24	7BCP15, P24		tangular, electrostatic foc. & defl. Cathode ray tube, flying spot scan, magnetic focus and deflection
7BDP	7BDP		Cathode ray tube, square, five-beam, electrostatic focus & deflection
7BEP10	7BEP10		Cathode ray tube, dark trace, with internal erase filament
7BFP2, P7	7BFP2, P7		Cathode ray tube, three-beam, rectangular, electrostatic foc. & dflec.
7BHP	7BHP	GL4560	Cathode ray tube, dual-beam, square, electrostatic focus & deflection
7BJP2	7BJP2		Cathode ray tube, five-gun, square, electrostatic focus & deflection
7BKP	7BKP		Cathode ray tube, square, electro- static focus and deflection
7BLP7	7BLP7		Cathode ray tube, two-gun, electro- static focus and deflection
7BMP	7BMP	71TCP-	Cathode ray tube, rectangular, elec- trostatic focus and deflection
7BP	7BP	ZP468, 1813P, C7475A	Cathode ray tube, magnetic deflection and focus
7BRP	7BRP	K1513	Cathode ray tube, five-beam, square, electrostatic focus & deflection
7BSP7	7BSP7	K1813P7	Cathode ray tube, five-beam, elec- trostatic focus and deflection
7C4	7C4	1203A, 7C4/1203A, NU1203A, 1203	Receiving UHF diode detector
7C4/1203A 7C5	7C4 7C5	VT-243	See 7C4 Receiving lock-in type tetrode power amplifier (similar to 6V6, 7B5). See 2C48, 2C50
7C5LT	7C5LT		Obsolete, replace with 7C5

	Current Service		
Tube Type	Designation	Other Number	Class Description
7C6	706		Receiving lock-in type duodiode hi mu triode (similar to 7B6)
707	707	VT-193	Receiving lock-in type triple grid pentode amplifier (similar to 7A7, 7B7)
7 C22	7C22	D164714	Transmitting twin triode UHF oscillator
7 C23	7 C23	Modified F5303	Transmitting triode oscillator, forced air cooled
7C24	7C24	WX3074	Transmitting UHF power triode. Superseded by 5762
7C25	7C25	F5303	Transmitting, forced air cooled triode
7C26	7C26		Transmitting, forced air cooled triode
7 C27	7C27		Transmitting, forced air cooled triode
7C29	7C29	GL7C29	Transmitting, forced air cooled triode
7C30	7C30		Transmitting, forced air cooled triode
7CP	7CP	1811P, C7466Å	Cathode ray tube, magnetic deflection, electrostatic focus
7 D21	7 D21	GL7D21	Transmitting forced air cooled tetrode
7DJ8	7DJ8		Receiving double triode (Canadian)
7DP	7DP		Cathode ray tube, electrostatic focus, magnetic deflection.
7 E5	7E5	7E5/1201, NU1201, 1201, 1201A	Receiving UHF triode amplifier (type 6C6 characteristics)
7E5/1201	7 E5	VT-241	See 7E5
7E6	7E6	VT-188	Receiving lock-in type duodiode triode
7 E7	7E7		Receiving lock-in type duodiode pentode
7EY6	7EY6		Beam power pentode for vertical deflection
7 F7	7F7	VT-189	Receiving lock-in type twin triode amplifier
7 F7W	7F7W		Ruggedized version of 7F7. Never made
7F8	7F8		Receiving lock-in type twin triode, sub-miniature version is 6193
7F8W	7F8W		Ruggedized version of 7F8
7G7	7G7	1232, 7G7/1232	Receiving lock-in type triple grid pen- tode
7G7/1232	7G7		See 7G7
7G8	7G8		Receiving lock-in type UHF twin tetrode
7G8/1206	7G8		See 7G8
7GP	7 GP		Cathode ray tube, electrostatic focus and deflection
7H4	7H4		Ballast tube
7H7	7H7	1206, 7G8/1206, SD706	Receiving lock-in type pentode amplifier (similar to 7G7, 7L7, 7T7)
7 H12	7H12	VT-190	Ballast tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
717	7,17	VT-194	Receiving lock-in type triode heptode converter (similar to 7A8, 7B8, 7S7)
7 JP	7JP		Superseded by 7VP
7 K7	7K7		Receiving lock-in double diode, hi mu triode
7 L7	7L7		Receiving lock-in type RF pentode amplifier (similar to 7G7, 7H7, 7T7)
7LP	7LP		Cathode ray tube, electrostatic focus, magnetic deflection
7MP	7MP		Cathode ray tube, magnetic focus and deflection
7 N7	7N7		Receiving lock-in type twin triode amplifier
7NP4	7NP4		Projection cathode ray tube
7Q7	7 Q7		Receiving lock-in type pentagrid converter
7R7	7R7		Receiving lock-in type duodiode pentode
787	7S7		Receiving lock-in type triode heptode converter (similar to 7J7, 7A8, 7B8)
7SP7	7SP7	BR700	Cathode ray tube, magnetic deflection and focus
717	7T 7	7T7GL	Receiving lock-in type triple grid amplifier (similar to 7L7, 7G7, 7H7)
717	7T7	7 4003	See 7T7
7UP	7UP	Z4081	Cathode ray tube, magnetic focus and deflection
7V7	7V7		Receiving lock-in type pentode ampli- fier
7VP	7VP		Cathode ray tube, electrostatic deflection and focus. Supersedes 7JP
7W7	7W7	1282	Receiving lock-in type pentode hi frequency amplifier
7X6	7X6		Receiving lock-in type full wave recti- fier
7X7	7X7/XXFM		See 7X7/XXFM
7X7/XXFM	7X7/XXFM	XXFM, 7X7	Receiving lock-in type twin diode hi mu triode
7XP	7XP	K1052	Cathode ray tube, electrostatic focus and deflection. Five guns
7X4	7X4		Receiving lock-in type duodiode recti- fier (similar to 7Z4, 84/6Z4)
7YP	7YP	K1124	Cathode ray tube, electrostatic focus and deflection. Five guns
7Z4	774	VT-181	Receiving lock-in type duodiode-recti- fier (similar to 7X4)

	Current Service		
Tube Type	Designation	Other Number	Class Description
7Z5P BL8 CE8 CE8A/B CE8C CE8D G-8	7Z5P BL8 CE8A/B, C, D CE8A/B CE8C CE8D G-8		Cathode ray tube-5 gun TR tube Phototube Phototube Phototube Phototube Ceranium crystal diode. Matched
G-8A	G -8 A		1N48 Geranium crystal diode. Matched 1N52
C8 C8B	G8 G-8B		Gas phototube Geranium crystal diode. Matched 1N63
GL8D21 L-8 NAVY VG-8 NB8 PJ8 PM8 REL8A REL8B REL8D SRC8 V8 WE8A 8-11 8-20 8A 8AP4 8AP4 8AP4 8AP4	8D21 L-8 991 NB8 5556 PM8 REL8A REL8B REL8C REL8D SRC8 V8 8A 8-11 8-20 8A 8AP4 8AP4A 8AP4A 8AU8	WE8A	See 8D21 Planar tetrode See 991 Resistance tube-Obsolete See 5556 Power measurement lamp Receiving UHF oscillator (Canadian) Klystron Vacuum phototube See 8A Ballast tube Ballast tube Ballast tube Cathode ray tube Cathode ray tube Miniature triode-pentode 8AU8 with controlled plate knee characteristic Miniature receiving pentode-hi mu triode
8BA8A 8BH8	8BA8A 8BH8		Miniature pentode. See also 6BA8A Miniature triode-pentode. See also 6BH8
8BW8	8BW8		Miniature hi mu triode-double diode. See 6BN8
8BP4 8BQ5 8BQ 7 A	8BP4 8BQ5 8BQ7A		Television picture tube Receiving pentode Miniature receiving medium mu twin triode (French)
8C22 8C23 8C25 8CG7 8CM7	BC22 8C23 8C25 8CG7 8CM7	X111B X111AD	Transmitting UHF triode oscillator Transmitting UHF triode oscillator Transmitting, air cooled triode Miniature twin triode Miniature twin triode

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	Current		
Tube Type	Service Designation	Other Number	Class Description
Tube Type	Designation	Office Holinger	
8CN7	8CN7		Miniature duo-diode-triode
8CP	8CP		Cathode ray tube, electrostatic focus and deflection
8CS7	8CS7		Miniature double triode, dissimilar
0037	0057		sections
8CX8	8CX8		Receiving miniature triode-pentode
			T6½) identical to 6CX8 except
8CY7	8CY7		heater Dissimilar double triode
8D21	8D21	GL8D21	Transmitting, twin tetrode, water and
			forced air cooled
8DC15	8DC15		Diode gas rectifier, temperature limited
8DP4 8DS15	8DP4 84S15		Cathode ray tube (Kinescope) Diode, temperature limited
8EB8	8EB8		Triode-pentode
8EM5	8EM5		Miniature beam power tube for
A. . (A (A	011/011/0	AMD MD	vertical deflection
8H/8H/ 3 8MP18	8H/8H/3 8MP18	AMP-VR B1167P18	Ballast tube Cathode ray tube, rectangular, elec-
OWI TO	OMI 10	DIION IO	trostatic focus, magnetic deflection
8SN7GTB	8SN7GTB		Receiving medium mu double triode,
0000	0000	7.407007	see also 6SN7GTB
8SP7	8SP7	Z4870P7	Cathode ray tube, two beam, electrostatic focus and deflection
8U6GTA	8U6GTA		Receiving beam power pentode
8XP4	8XP4		Cathode ray tube-receiver check tube
A9T2S1	A9T2S1		Tungar bulb
AX-9 BL9	SAC-9B SAC-9G		Packaged magnetron TR tube
G-9	SAC-9H		Subminiature pentode
G9	SAC-9K		See 868
GV9A-600	GV9A-600		Corona voltage regulator
GV9A-2000	GV9A-2000		Corona voltage regulator
NE9 SAC-9B	PJ22 9Å		Neon lamp Klystron, forced air cooled
SAC-9G	AX-9		Klystron
SAC-9H	BL9		Klystron
SAC-9K	G-9		Klystron
V9 WE9A	868 NE9		See PJ22 See 9A
YTU9	185R4		See 185R4
9	9Å		See 9A
9-11	9-11	week a	Ballast tube
9A 9A8	9A 9A8	WE9A, 9	Photoelectric cell Receiving triode-pentode (Canadian)
9AP	9AP	1804P	Cathode ray tube
9AU7	9AU7		Miniature twin triode, see also 7ÅU7
9BM5	9BM5		Miniature wide band power amplifier
0007	9BR 7		pentode, see also 6BM5 Miniature double diode-triode
9BR7	IUGE		withdrife double diode-filode

	Current Service		
Tube Type	Designation	Other Number	Class Description
9BR8 9BW6	9BR8 9BW6		Miniature triode pentode (British) Miniature beam power amplifier pentode (British)
9C21 9C22	9C21 9C22		Transmitting triode, water cooled Transmitting triode, forced air cooled
9C23 9C24	9C23 9C24		Transmitting, water cooled triode Transmitting, water and forced air cooled triode
9C25	9C25		Transmitting, forced air cooled triode
9C26 9C27	9C26 9C27		Transmitting, forced air cooled triode Transmitting, water and forced air cooled triode
9C28	9C28		Transmitting, water cooled triode, power amplifier and modulator
9C29	9C29		Transmitting, air cooled triode, power amplifier and modulator
9C30	9C30		Transmitting, water cooled triode, power amplifier oscillator
9CL8	9C31		Transmitting, air cooled triode
9 C31	9CL8		Miniature button triode-tetrode
9CP	9CP		Cathode ray tube, magnetic deflection and focus
9 DZ8	9DZ8		Miniature triode-pentode
9E F6	9EF6		Receiving beam power pentode, identi- cal to 6EF6 and 12EF6 except heater
9GP7	9GP7	VCR140, ZP549	Cathode ray tube. Similar to 9MP7. Obsolete
9HP7	9HP7		Cathode ray tube
9JP1	9JP1	1809P1, C7431	Cathode ray tube. Obsolete
9LP7	9LP7	GL455, ZP455	Cathode ray tube
9MP	9MP	REL43	Cathode ray tube
9NP	9NP		Cathode ray tube Cathode ray tube, electrostatic focus
9RP33	9RP33		magnetic deflection (British)
9U8	9U8		Receiving triode pentode, see also 6CU8. (British)
9X8	9X8		Miniature receiving triode-pentode, see also 6X8
9Z8P7	9Z8P7		Cathode ray tube-8 gun
A10	A10		Therapy type HF triode (obsolete; similar to 111H)
BL10	BL 10	VV.130	TR tube, fixed tuned
CE10	CE10A/B,C,D	NU 10	Phototube
CE10A/B	CE10A/B		Phototube Phototube
CE10C	CE10C		Phototube
CE10D	CE10D		Phototube Thyratron
CR10	CR10		Inylation

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*	Service	Od N I	Cl. D
Tube Type	Designation	Other Number	Class Description
CW10	CW10	REL10, 6048	Receiving acorn type UHF diode rec- tifier-similar to 9004, except for pin connection (Canadian)
D10 G10	2C26 1P31		See 2C26 See 1P31
G10T GLC10 GS-10B	G10T GLC10 GS-10B		Subminiature triode Geiger-Mueller counter tube Cold cathode counting tube
GS-10C , MCM-10	GS-10C 7417/MCM-10	BL244	Cold cathode counting tube See 7417/MCM-10
HA-10N1 HP-10V	HA-10N1 HP-10V		Travelling wave tube Magnetron
MO-10 MO-10K	6700 6704		See 6700 See 6704
MO-10R MPD-10	MO-10R MPD-10		Beam switching tube TR tube
NU10 P10	NU 10 5806	CE10	Phototube See 5806
RCA10 REL 10	10 CW10		See 10 See CW10
SAC-10 TD10 TGC-10	SAC-10 6356 TGC-10		Klystron See 6356 Geiger-Mueller counter tube
TW-10 VG10	TW10 BS-6		Traveling wave tube See BS-6
VG10A VX10	1B67 VX10		See 1B67 Subminiature time delay thermal
10	10	PT210, 210, RCA10,	relay See 10Y (replace with 10Y)
		CX310, UX210, 310, VT-25	- "
10-3 10-4Å	10-3 10-4A		Ballast tube Ballast tube
10-4B 10-4D 10-4E	10-4B 10-4D 10-4E		Ballast tube Ballast tube Ballast tube
10-54448 10AHP7	5960 10AHP7		See 5960 Cathode ray tube, magnetic deflec-
			tion & focus with triode amplifier gun
10AKP7	10AKP7		Cathode ray tube, version of 10KP7 with high voltage grid no. 2
10ALP	10ALP		Cathode ray tube, electrostatic focus & deflection, collar base
10AMP7	10AMP7	000000 1/1000	Cathode ray tube, same as 10AHP7 except electrostatic focus
10ANP7	10ANP7	SC2862, K1983	Cathode ray tube, magnetic deflectio and focus, low drive
10-B4 10 <i>C</i> 8	10-B4 10C8		Ballast tube Miniature triode-pentode

	Current Service		
Tube Type	Designation	Other Number	Class Description
10D 10DA7 10DE7	10D 10DA7 10DE7		Ballast tube Miniature duo triode, see also 6DA7 Receiving miniature duo-triode, see
10DA7 10DE7 10E 10E/92 10E/95 10E/95 10E/105 10E/105 10E/108 10E/142 10E/142 10E/146 10E/150 10E/168 10E/168 10E/211 10E/215 10E/224 10E/231 10E/224 10E/231 10E/233 10E/333 10E/333 10E/333 10E/336 10E/346 10E/346 10E/346 10E/587 10E/540 10E/587 10E/540 10E/7312 10E/8087 10E/8739 10E/11398 10E/11398 10E/11399 10E/11401 10E/11401 10E/11402 10E/11401	10DA7 10DE7 1B73 832 91 FG95 VT90 (Br.)/8011 VR92 (Br.) VT94 (Br.) VT61A (Br.) VU111 VU504 VT114 (Br.) VR117 (Br.) VO133 VT104(Br.) VT98 (Br.) VT198 (Br.) VT98 (Br.) VT98 (Br.) VR91A (Br.) 42 6C6 6D6 6B7 6F6G 18 10P1 807 VR78 (Br.) VT25 (Br.) VT25 (Br.) VT31 (Br.) VT31 (Br.) VT52 (Br.) VR53 (Br.) VR55 (Br.) VR55 (Br.) VR55 (Br.) VR56 (Br.)		Miniature duo triode, see also 6DA7 Receiving miniature duo-triode, see also 6DE7 See 1B73 See 832 See 91 See FG95 See VT90 (Br.)/8011 See VR92 (Br.) See VR92 (Br.) See VT94 (Br.) See VT61A (Br.) See VU111 See VU504 See VT114 (Br.) See VR117 (Br.) See VR118 (Br.) See VT104 (Br.) See VT104 (Br.) See VT98 (Br.) See VT98 (Br.) See VT98 (Br.) See VR91A (Br.) See 42 See 606 See 6D6 See 6B7 See 6F6G See 1810P1 See 807 See VR78 (Br.) See VT25 (Br.) See VT25 (Br.) See VT31 (Br.) See VT52 (Br.) See VR53 (Br.) See VR54 (Br.) See VR55 (Br.) See VR56 (Br.) See VR56 (Br.)
10E/11443 10E/11448 10E/11449 10E/11452	80 19 6J5GT VS68 955		See 80 19 See 6J5GT See VS68 See 955
10E/11529 10E/11534 10E/11540 10EB8	VU71(Br.) TZ40 VR78(Br.) 10EB8		See VU71 (Br.) See TZ40 See VR78 (Br.) Receiving triode pentode, same as
10FP4	10FP4	R6025	6EB8 except filament voltage Cathode ray tube. Magnetic deflection and focus.

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
10KP	10KP		Cathode ray tube magnetic deflection and focus
10KP7A	10KP7A		Cathode ray tube-high resolution version of 10KP7
10KP7 B	10KP7B		Aluminized, high resolutions version of 10KP7
10M	1B74		See 1B74
10NP11	10NP11		Cathode ray tube
10PEK	10PEK		Phototube multiplier
10QP7	10QP7	BR1000	Cathode ray tube, magnetic deflections
10 SPECIAL	VT25A	D1(1000	and focus See VT25A
10 SPCL (RCA)	1602		See 1602
10T1	10T1		Ballast tube
10T2	10T2		— · · · · · · · · · · · · · · · · · · ·
10UP	1012 1011P		Ballast tube
		•	Cathode ray tube electrostatic focus, magnetic deflection
10VP7, P15	10VP7, P15		Flying spot scanner cathode ray tube
10WP	10WP	B 1038	Cathode ray tube, electrostatic focus,
•			magnetic deflection
10 X	10 X		Transmitting triode amplifier (10 with ceramic base)
10Y	10Y	2566A, 2C23, 410	Transmitting and receiving triode amplifier oscillator (10 with Micanol base)
A11	A11		Therapy type TF triode
BL-11	6282		See 6282
BW11	834		See 834
CEllA/B	CEllA/B		Phototube
CELIC			
	CELLC		Phototube
CELID	CEllD		Phototube
CEllV	917		See 917
CV11	VC11		Therapy type HF triode (similar to UXCV11, 211H, A331)
FIIX	F11X		Transmitting triode-water cooled (20KW)
G-11	5850		See 5850
Gll	G11		Gas phototube
G-11A	MK 1MOD10D		See MK 1MOD10D
K11	1B68		See 1B68
MCT-11	BL973/MCT-11		See BL973/MCT-11
NULIV	917		See 917
P-11	5849		See 5849
PJ11	PJ11		Special purpose triode vacuum control tube (inactive)
RK11	RK11	TZ40	Transmitting triode amplifier (discontinued)
SMC-11	SMC-11		Frequency multipler klystron, forced air cooled
SMC-11A	SMC-11A		Klystron

	Current Service		
Tube Type	Designation	Other Number	Class Description
SMC-11B SMC-11C SMC-11D SMC-11F SMC-11G SMC-11I SMC-11J SMC-11L SMC-11N SMC-11N SMC-11N	SMC-11B SMC-11C SMC-11D SMC-11F SMC-11G SMC-11I SMC-11I SMC-11L SMC-11L SMC-11N SMC-11N SMC-11S		Klystron
TD11 UXCV11	6357 UXCV11		See 6357 CVII with UX base (similar to
V11 V-11 VG-11 VGX11 WD11	V11 V-11 VG-11 1B87 WD11	GET2	HY-51-A, 332, T841SW) Vacuum phototube Two resonator klystron Neon lamp See 1B87 Receiving triode detector amplifier (obsolete)
11	WD11		Receiving triode detector amplifier (obsolete)
11C5 11CY7	11C5 11CY7		Miniature beam power pentode Dissimilar double triode similar to 6CY7 and 8CY7
11V CE12A/B CE12C CE12D G12 G12-2 GE12X825 GU12 (Br.) HV 112	917 CE12A/B CE12C CE12D G12 G12-2 4B35 866 A HV12/T814	NU 12	See 917 Type CE1 with anode at top Phototube Phototube Phototube Gas phototube Geiger-Mueller counter tube See 4B35 See 866A Transmitting triode amplifier (replace with 814)
HV12/T814 MK12 MPT12	HV12/T814 BL967 7821/MPT12	4C24, T814	Transmitting triode amplifier See BL967 See 7821/MPT12
NU12 P-12	NU12 P-12	CE12	Phototube (same as NU1 except bulb is round instead of tubular) Subminiature pentode power amplifier
PJ12 RBE-12A-1	PJ12 RBE-12A-1		Similar to 211 (discontinued) Radial beam tube, miniature version of 6090
RBE-12A-2	RBE-12A-2		Radial beam tube, miniature version of 6090
RBE-12G-2 RK12	RBE-12G-2 RK 12		Radial beam tube Transmitting triode amplifier (obsolete, similar to 908)
SRG12	58 17		See 5817

	Current Service		
Tube Type	Designation	Other Number	Class Description
T12S(SV) TD12 V12 VC12 WX12	T12S(SV) 6358 V12 VC12 WX12	12, VT-7	Transmitting triode power amplifier See 6358 Vacuum phototube British Receiving triode detector amplifier
X-12	X-12		(obsolete) Klystron, wave guide output, reflex type. See also VA94
12 12A	WX12 12A/112A		See WX12 See 12A/112A
12A/112A 12A4	12A/112A 12A4	UX112A, 3382, 12A, 112A	Receiving triode detector amplifier (obsolete). Similar to 71A Miniature receiving triode, medium
12A5 12A6	12A5 12A6	VT-134	mu, hi perveance Receiving pentode power amplifier Receiving pentode beam power amplifier. See also 5659
12A6GT	12A6GT		Receiving pentode beam power ampli- fier
12A6GTY 12A6Y 12A7	12A6GTY 12A6Y 12A7		12A6GT with Micanol base 12A6 with Micanol base Receiving diode rectifier pentode
12A8G 12A8GT	12A8G 12A8GT		amplifier Replace with 12A8GT Receiving pentagrid converter (type 618 characteristics)
12AB5	12AB5		Miniature receiving beam power pentode
12ABP	12ABP		Cathode ray tube, electrostatic focus, magnetic deflection
12AO6 12ACP19	12AG6 12ACP19		Miniature pentode Cathode ray tube, 2 gun, electrostatic focus and deflection, same electrically as K1137P19 but different bulb
12AD5	12AD5		Receiving miniature remote cut off, RF pentode (Canadian)
12AD6 12AD7	12AD6 12AD7		Miniature heptode, oscillator-mixer Miniature receiving hi mu double triode
12AE6	12AE6		Miniature double diode-triode, medium mu
12AE6A 12AE7	12AE6A 12AE7		Miniature double diode-triode Miniature dual triode for hybrid auto radios
12AF3	12AF3		Indirectly heated diode, same as 6AF3 except filament
12 A F6	12AF6		Miniature remote cut off pentode, see 12BL6

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	Current		
Tube Type	Service Designation	Other Number	Class Description
12AFP	12AFP		Cathode ray tube, magnetic deflection and focus
12AG6	12AG6		Miniature receiving heptode for auto
12AGP	12AGP		receivers Cathode ray tube electrostatic focus, magnetic deflection, round metal en- velope flat face
12AH7GT 112AH8 12AJ6	12AH7GT 12AH8 12AJ6	VT-207	Receiving twin triode Receiving triode heptode (British) Miniature receiving medium mu twin
12AJ7	12AJ7		triode Receiving triode-heptode small button
12AKP7	12AKP7		type (Canadian) Cathode ray tube electrostatic focus
12AL5 12AL8	12AL5 12AL8		and deflection Miniature receiving twin diode, VHF
12AMP	12AMP	Z4718, K1949	Receiving triode-tetrode, miniature button, 9 pin Cathode ray tube, electrostatic
12ANP	12ANP	B 11 10, 1110 10	focus & deflection, low drive Cathode ray tube, electrostatic focus
12AP7	12AP7	C7442, 1803P7	and deflection Cathode ray tube, magnetic deflec-
12AQ5	12AQ5	·	tion, electrostatic focus Miniature button receiving beam
12AQP	12AQP		power pentode Cathode ray tube, electrostatic focus
12ARP19	12ARP19		and deflection, low drive Cathode ray tube, same as 12ACP19
12ASP	12ASP	Z4652	except bulb shape Cathode ray tube, electrostatic focus
12AT6 12AT7 12AT7WA	12AT6 12AT7 12AT7WA	6201 6201 /128TT7WA	and deflection Miniature version of 12SQ7 Miniature twin triode
12AT7WB	12AT7WB	6201, 6201/12AT7WA	Reliable miniature twin triode Receiving miniature twin triode
12ATP28	12ATP28	K2105P28	Cathode ray tube, three-beam, electrostatic focus and deflection
12AU6 12AU7	12AU6 12AU7		Miniature version of 12SQ7 Miniature twin triode, separate ca-
12AU7A	12AU7A		thodes (twin 6C4). See also 5814 Nonmicrophonic version of 12AU7
12AU7W	5814A		and direct replacement for 12AU7 See 5814A
12AU5GA	12AV5GA		Receiving beam power amplifier, T-12 envelope
12AV5GT 12AV6	12AV5GT 12AV6		Receiving beam power amplifier Miniature double diode, high mu
12AV7	12AV7		triode Miniature low noise twin triode

	Current		
Tube Type	Service Designation	Other Number	Class Description
12AW6	12AW6		Miniature RF pentode. (Similar to 6AG5)
12AWP12	12AWP12	B1217P12	Cathode ray tube, magnetic deflec- tion, electrostatic focus, miniature neck
12AX4GT	12AX4GT		Half wave vacuum rectifier, damper tube for TV
12AX4GTA	12AX4GTA		12AX4GT with controlled heater warm up characteristics
12AX7	12AX7		Miniature low noise twin triode amplifier, separate cathodes. See also 5751-not directly interchangeable
12AX7A	12AX7A		Similar to 12AX7 (Canadian)
12AY3	12AY3		Half-wave rectifier, damper, Novar
12AY7	12AY7		Miniature twin triode, low noise, me- dium mu
12AZ7 12B3	12AZ7 12B3		Miniature double triode, high mu Receiving half wave rectifier (Canadian)
12B4	12B4		Miniature triode, low mu
12B4A	12B4A		12B4 with controlled heater warm up characteristic
12B6M	12B6M		Receiving diode triode (Canadian)
12B7	14A7/12B7		See 14A7/12B7
12B7ML	14A7ML/12B7ML		See 14A7ML/12B7ML
12B8GT	12B8GT		Receiving triode pentode amplifier (obsolete)
12BA6	12BA6		Miniature version of 12SG7
12BA7	12BA7		Receiving miniature pentagrid converter
12BD6	12BD6		Receiving miniature RF pentode
12BE6	12BE6		Miniature pentagrid converter Miniature duodiode, low mu triode,
12BF6	12BF6		miniature version of 12SR7GT
12BH7	122BH7		Miniature double triode, medium mu 12BH7 with controlled heater warm
12BH7A	12BH7A		up characteristic
12BK5	12BK5		Receiving beam power amplifier with controlled heater warm up characteristic
12BK6	12BK6		Miniature double diode triode, hi mu
12BL6	12BL		Receiving miniature sharp cut off pentode
12BN6	12BN6		Miniature gated-beam discriminator
12BQ6KA	122BQ6GTB/12CU6		See 12BQ6GTB/12CU6
12BQ6GA/12CU6	122BQ6GTB/12CU6		See 12BQ6GTB/12CU6
12BQ6GT	12BQ6GT		Receiving beam power tube
12BQ6KTB	12BQ6GTB/12CU6	1200604 12016	See 12BQ6GTB/12CU6
12BQ6GTB/12CU6	12BQ6GTB/12CU6	12BQ6GA, 12CU6, 12BQ6/CU6	Receiving beam power tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
12BR7	12BR7		Miniature receiving double diode- triode
12BR7A	12BR7A		Miniature double diode triode
12BT3	12BT3		Damping diode, Compactron
12BT6	12BT6		Miniature double diode triode, medium mu
12BX6	12BX6		Miniature video pentode (Canadian)
12BU6	12BU6		Miniature double diode triode, low mu
12BV7	12B V7		Miniature button receiving hi trans- conductance pentode
12BW4	12BW4		Miniature button full wave rectifier
12BY7	12BY7		Receiving miniature sharp cut off pentode
12BY7A	12BY7A		12BY7 with controlled warm up characteristic
12BZ7	12BZ 7		Miniature twin triode, hi mu, similar to 12AU7, 12AX7
12C5	12C5		Receiving miniature beam power amplifier. See also 50C5 and 50L6GT
12C8	12C8	VT-169	Receiving duodiode pentode amplifier
12C8-K9	VT 153		See VT 153
12C8 SPECIAL	VT 153		See VT 153
12C8Y	VT 153		See VT153
12CA5	12CA5		Receiving beam power tube, miniature
12CN6	12CN6		Receiving beam power amplifier miniature
12CN5	12CN5		Miniature receiving pentode for auto radio receivers
12CR5	12CR5		Miniature beam power tube (Canadian)
12CR6	12CR6		Miniature button diode-pentode
12CS5	12CS5		Miniature beam pentode
12CS6	12CS6		Miniature button dual control heptode
12CT8	12CT8		Miniature pentode
12CU5	12CU5		Receiving miniature button beam power tube
12CU6	12CU6		Receiving beam power amplifier. See 12BQ6GTB/12CU6
12CX6	12CX6		Pentode, miniature button sharp cut off
122CY6	12CY6		Miniature button sharp cut off pen- tode
12D4	12D4		Half wave hi vacuum rectifier
12DB5	12DB5		Miniature beam power pentode
12DE8	12DE8		Miniature diode-pentode remote cut off, for battery circuits
12DF5	12DF5		Full wave rectifier, 9 pin miniature
12DF7	12DF7		Receiving low level twin triode,
12DK5	12DK5		Miniature RF and IF pentode

	Current Service		,
Tube Type	Designation	Other Number	Class Description
12DK7	12DK7		Miniature receiving double diode tetrode
12DL8	12DL8		Receiving twin-diode tetrode, minia- ture button 9 pin
12DM5	12DM5		Receiving beam pentode with con- trolled warm up characteristics
12DP7	12DP7	ZP477, C7485B, VCR516	Cathode ray tube, magnetic focus and deflection, obsolete, superseded by 12DP7A
12DP7A	12DP7A	12DP7Z	Cathode ray tube, magnetic focus and deflection
12DP7B	12DP7B		Cathode ray tube, magnetic deflection and focus
12DP7C	12DP7C	Z4300, Z4303	Cathode ray tube, magnetic deflection and focus
12DP7Z	.12DP7A		See 12DP7A
12DP8	12DP8	REL25	Cathode ray tube (Canadian)
12DQ6	12DQ6		Receiving hi perveance beam power tube
12DQ6A	12DQ6A		12DQ6 with higher ratings
12DQ7	12DQ7		Receiving pentode TV video amplifier
12DS7	12DS7		Miniature twin diode power tetrode
12DT5	12DT5		Miniature receiving beam power pentode
12DT7	12DT7		Miniature hi-mu double triode, similar to 12AX7
12DT8	12DT8		Receiving hi mu twin triode, minia- ture
12DU7	12DU7		Miniature duo-diade tetrode
12DV7	12DV7		Miniature double diode tridoe
12DV8	12DV8		Duplex-diode tetrode; receiving mini- ature
12DW7	12DW7		Miniature duo-triode, dissimilar sec- tions
12DW8	12D W8		Diode, dual triode for hybrid auto radios
12DY8	12DY8		Miniature tetrode-sharp cut off triode
12DZ6	12DZ6		Receiving pentode for auto receivers, miniature
12DZ8	12DZ8		Miniature hi mu triode, power pen- tode
12E5GT	12E5GT		Receiving triode amplifier (similar to 6P5GT)
12EA6	12EA6		Receiving pentode for auto receivers, miniature
12ED5	12ED5		Miniature beam power audio output pentode
12EF6	12EF6		Receiving beam power pentode, identical to 6EF6 and 9EF6 except heater

	Current Service		
Tube Type	Designation	Other Number	Class Description
12EG6	12EG6		Receiving dual control heptode, mini- ature
12EH5	12EH5		Miniature power pentode
12EL6	12EL6		Miniature double diode high mu triode
12EM6	12EM6		Miniature receiving diode-tetrode Beam power pentode receiving
12EN6 12EP1	12EN6 12EP 1		Cathode ray tube (obsolete)
12EZ6	12EZ6		Miniature sharp cut off pentode for battery supply
12F5GT	12F5GT		Receiving triode amplifier (type 6F5 characteristics, 12Q7GT will replace if lead on pin #4 is put on pin #3)
12F8	12F8		Miniature double diode pentode, AF for auto receivers
12FA6	12FA6		Miniature heptode for battery supply
12FK6	12FK6		Miniature twin diode low-mu triode
12FMC	12FM6		Miniature double diode triode
12FP]	12FP1	DET AS 7DS 40	Cathode ray tube
12FP7 12FT6	12FP7 12FT6	REL45, ZP548	Cathode ray tube Miniature duo-diode triode
12g4 •	12G4		Receiving miniature, medium mu tri- ode, center tapped heater
12G7(12G7G		Duodiode triode
12C8	12G8		Miniature button dissimilar double triode for auto receivers
12GP7	12GP7	GL488, ZP488, 488	Cathode ray tube
12H	1630		See 1630
12H4	12H4		Miniature button receiving triode
12H6	12H6	VT214	Receiving duodiode rectifier doubler (type 6H6 characteristics)
12HP 1	12HP1	REL33A	Cathode ray tube
12HP3	12HP3	REL33	Cathode ray tube
12HP7	12HP7	REL37	Cathode ray tube (Canadian) Receiving triode detector amplifier.
12J5	12J5	VT-135A	Obsolete
12J5GT	12J5GT	VT-135	Receiving triode detector amplifier (type 6J5 characteristics)
12J5WGT	12J5WGT		Ruggedized version of 12J5GT
12J7G	12J7G		Replace with 12J7GT
12J7GT	12J7GT		Receiving triple grid pentode amplifier (similar to 6J7, 12K7GT)
12J8	12J8		Miniature receiving twin diode tetrode
12JP7	12JP7		Cathode ray tube
12K5	12K5		Miniature power tetrode, space charge grid type
12K7G	12K7G		See also 12K7GT; replace with 12K7GT

	Current Service		
Tube Type	Designation	Other Number	Class Description
12K7GT	12K7GT		Receiving pentode amplifier (similar to 6K7, 12J7GT)
12K8	12K8		Receiving triode hexode converter
12K8GT	12K8GT		Receiving triode hexode converter
			(type 6K8 characteristics)
12K8 SPECIAL	12K8Y	VT-132	See 12K8Y
12K8Y	12K8Y	12K8 Special	Type 12K8 with Micanol base
12L6GT	12L6GT		Receiving beam power amplifier
12L8GT	12L8GT		Receiving twin pentode power ampli- fier
12Q7G	12Q7G		See 12Q7GT; replace with 12Q7GT
12Q7GT	12Q7GT		Receiving duodiode-triode (type 6Q7 characteristics)
12R5	12R5		Miniature receiving beam power am- plifier
12S8GT	12S8GT		Receiving triple diode triode
12SA7	12SA7	VT-161	Receiving pentagrid converter
12SA7G	12SA7G		Replace with 12SA7GT
12SA7GT	12SA7GT	12SA7GT/G	Receiving pentagrid converter (type 6SA7 characteristics)
12SA7GT/G	12SA7GT		See 12SA7GT
12SA7GTY	12SA7GTY		12SA7GT with Micanol base
12SA7Y 12SC7	12SA7Y	Vm. 260	12SA7 with Micanol base
- -	12SC7	VT-268	Receiving twin triode amplifier. Similar to 6SC7, 12SL7GT
12SF5	12SF5		Receiving hi mu triode amplifier (Type 6SF5 characteristics)
12SF5GT	12SF5GT		Receiving triode amplifier (12SQ7 will replace if base is required)
12SF7	12SF7		Receiving diode remote cut off pen- tode (Type 6SF7 characteristics)
12SF7GT	12SF7GT		Receiving diode pentode
12SF7Y	12SF7Y		12SF7 with Micanol base
12SG7	12SG7	VT-209	Receiving pentode amplifier (Type 6SG7 characteristics)
12SG7GT	12SG7GT		Receiving pentode amplifier (Type 6SG7 characteristics)
12SG7Y	12SG7Y		12SG7 with Micanol base
12SH7	12SH7	VT-288	Receiving sharp cut off RF pentode
10011000	100		(Type 6SH7 characteristics)
12SH7GT	12SH7GT		Receiving pentode amplifier (Type 6SH7 characteristics)
128J7	12SJ7	VT-162	Receiving triple grid pentode ampli- fier
12SJ7GT	12SJ7GT		Receiving triple grid pentode amplifier (Type 6SJ7 characteristics)
12SK7	12SK7	VT-131	Receiving pentode amplifier
12SK7G	12SK7G		Replace with 12SK7GT
12SK7GT/G	12SK7GT		See 12SK7GT

	Current Service		
Tube Type	Designation	Other Number	Class Description
12SK7GT	12SK7GT	12SK7GT/G	Receiving pentode amplifier. Similar to 6SK7, 12SJ7GT for miniature verison see 12BD6
12SK7GTY 12SK7Y	12SK7GTY 12SK7Y		12SK7GT with micanol base 12SK7 with micanol base
12SL7GT	12SL7GT	VT-289	Receiving twin triode amplifier (Similar to 7SL7GT, 12SG7)
12SL7W	12SL7W		Ruggedized version of 12SL7GT. Never made
12SN7	12SN7		Receiving twin triode amplifier
12SN7GT	12SN7GT		Receiving twin triode amplifier (type 6SN7GT characteristics)
12SN7GTA	12SN7GTA		Receiving twin triode amplifier (12SN7GT with higher ratings)
12SN7W	12SN7W		Ruggedized version of 12SN7GT. Never made
12SP7	12SP7		Cathode ray tube-superseded by 12SP7D
12SP7E	12SP7B		Cathode ray tube, magnetic focus and deflection
12 SP7 D	12SP7D		Cathode ray tube, magnetic focus and deflection
12SQ7	12SQ7	VT-104	Receiving duodiode triode
12SQ7G	12SQ7G		Replace with 12SQ7GT
12SQ7GT	12SQ7GT	12SQ7GT/G	Receiving duodiode triode (Type 6SG7 characteristics)
12SQ7GT/G	12SQ7GT		See 12SQ7GT
12SR7	12SR7	VT-133	Receiving duodiode triode (Type 6SR7 characteristics)
12SR7GT	12SR7GT		Receiving duodiode triode (Type 6R7 characteristics). For miniature version, see 12BF6
12SW7	12SW7		Version of 12SR7 for 28-V operation
12SW7GT	12SW7GT		Discontinued in favor of 125W7
12SX7GT	12SX7GT		Receiving twin triode amplifier. Selected 12SN7GT for 28-V operation
12SY7	12SY7		Receiving pentagrid converter (28-volt type 12SA7)
12SY7GT	12SY7GT		Receiving pentagrid converter. (28-volt type 12SA7GT)
12U7	12U7		Miniature double triode for auto re- ceivers
12V6GT	12V6GT		Receiving beam power pentode ampli- fier
12W6GT	12W6GT		Receiving beam power amplifier
	12X3		Special purpose vacuum diode recti- fier (Canadian)
12X4	12X4		Miniature receiving double diode
	4B35		See 4B35

	Current Service		
Tube Type	Designation	Other Number	Class Description
TG-14	TG14		Spark gap, two electrode, line type modulator
V14T	V14T		Vacuum phototube
XM-14	XM-14		Pulsed hi-power triode
14	14		Receiving screen grid RF amplifier (similar to 24A)
14A4	14A4		Receiving lock-in type triode amplifier (type 7A4 characteristics)
14A5	14A5		Receiving lock-in type power ampli- fier
14A7	14A7/12B7		See 14A7/12B7
14A7/12B7	14A7/12B7	12B7, 14A7	Receiving lock-in pentode amplifier (similar to 7A7, 14C7)
14A7ML/12B7ML	14A7ML/12B7ML	12B 7 ML	Receiving pentode amplifier (replace with 14A7/12B7)
14AF7	14AF7	XXD	Receiving twin triode (similar to XXD, 14N7)
14AP 1, 2, 5	14AP 1, 2, 5	2531A14-D14	Cathode ray tube
14B6	14B6		Receiving lock-in type duodiode triode (type 7B6 characteristics)
14B8	14B8		Receiving lock-in type pentagrid converter (similar to 7B8, 14J7, 14S7, 12A8GT)
14C5	14C5		Receiving lock-in type pentode power amplifier (type 6V6 characteristics)
14C7	14C7		Receiving lock-in type triple grid detector amplifier (similar to 14A7/12B7)
14D12	8078		See 8078
14E6	14E6		Receiving lock-in type duodiode triode (type 7E6 characteristics)
14E7	14E7		Receiving lock-in duodiode pentode (type 7E7 characteristics)
14F7			Receiving lock-in type twin triode amplifier (type 7F7 characteristics)
14F8	14F8		Receiving lock-in type double triode amplifier type 7F8 characteristics)
14G6	14G6		Double diode, hi mu triode, miniature (Canadian)
14H7	14H7		Receiving lock-in type pentode ampli- fier (type 7H7 characteristics)
14J7	14J7		Receiving triode-heptode converter
1457 14N7	1407 14N7		Receiving lock-in type twin triode
			amplifier (similar to 7N7, 14AF7) Receiving lock-in type pentagrid con-
14Q7	14Q7		verter (type 707 characteristics)
14R7	14R7		Receiving lock-in type duodiode pen- tode (type 7R7 characteristics)
1487	1487		Receiving lock-in triode heptode converter (similar to 14B8, 14J7)

	Current Service		·
Tube Type	Designation	Other Number	Class Description
14W7	14W7		Receiving lock-in type pentode ampli- fier sharp cut off
14X7	14X7		Receiving lock-in type twin diode high mu triode
14Y4	14Y4		Receiving lock-in type duodiode recti- fier
14Y7	14Y7		Receiving triode - hexode (Canadian) T6½ miniature
14Z3	14Z3		Receiving lock-in type diode rectifier (replace with 12Z3)
BL15 BW15 CE15A/B CE15C CE15D FA15 GI5 GI5F GL15 GLM15 GML-M15M1F H15S HW15 LM15	BL15 BW15 CE15A/B CE15C CE15D FA15 G15 927 GL15 GLM15 MK15MOD1F 4J36-41 CE203 LM15	NU15A/B	Gas switching tube, ATR Backward wave oscillator Phototube Phototube Phototube Vacuum switch (SPDT) Phototube (obsolete) See 927 Counter tube, obsolete Counter tube, obsolete See MK15MOD 1F Magnetron series-see 4J36-41 See CE203 Superseded by 2P21 (similar to C7557)
MK15MOD1F MK15MOD13 NU15A/B PT15 R15A RK15	MK15MOD1F MK15MOD13 NU15A/B VT104(Br.) 5B21 RK15	GML-M15M1F CE15A/B	Beta-Gamma counter tube Replaced by MK 1MOD 10D Phototube See VT 104 (Br.) See 5B21 Receiving triode power amplifier (dis-
SRX-15 TG-15 TT15A V15F VG15 XM15-A 15 15A 15A6	SRX-15 TG15 TT15A V15F BS-7 XM15A 15 15A		continued type 46 nearest equivalent) Reflex klystron Chronotron vacuum type relay Delay tube (relay) Vacuum phototube See BS-7 Transmitting triode Receiving pentode amplifier Receiving tetrode amplifier Miniature receiving video output pentode (Dutch) Receiving medium mu triode and
15E	15E	8023, 4C30,	beam pentode Transmitting UHF triode amplifier
15G 15GP22	15G 15GP 22	3-15A3/15B	Diode gas rectifier Cathode ray tube, 3 gun, metal, tri color phosphor dot

	Current Service		
Tube Type	Designation	Other Number	Class Description
15R	15R	2-15A/15R, 8022, 4B30	Hi vacuum half wave rectifier
BL16	BL16		TR tube, tunable with integral cavity
C16J CE16A/B	5665 CE16A/B	NU16A/B	See 5665 Phototube
CE16C CE16D	CE16C CE16D		Phototube Phototube
CV16 EL-16 EL16B EL16F	CV16 EL-16 16B 16F	REL46, \$25A	Grounded grid triode (British) Diode gas rectifier See 16B See 16F
ELC16J ELC16J/A	5665 C16J/A		See 5665 Thyratron
G16	G16		Gas phototube
G16B GE16X897	G16B 4B27		Gas phototube See 4B27
IC-16	IC-16		Image converter tube, see also 6380, 6411
NE16 NU16A/B	991 NU16A/B	CE16A/B	See 991 Phototube (similar to NUI with cathode in independent halves)
P-0016A	P-0016A		GE X-ray, see FP 265 See GL 152
P00016B REL-16	GL152 878	•	See 878
RK16	RK16		Receiving triode power amplifier (dis- continued, type 59 nearest equiva- lent
SRX-16 V16	SRX-16 V16		Klystron, similar to 2K39 Vacuum phototube
V16B 16	V 16B 81		Vacuum phototube See 81
16-6 16A5	16-6 16A5		Ballast tube Miniature sound output tube (Dutch)
16ADP7	16ADP7		Cathode ray tube, magnetic deflection and focus
16AFP19	16AFP19		Cathode ray tube, electrostatic focus, magnetic deflection metal backed screen
16AGP	16AGP	K1222	Cathode ray tube, electrostatic focus, magnetic deflection
16AKP7	16AKP7		Cathode ray tube, magnetic deflection electrostatic focus
16AP2 1 6 B	16AP2 16B	EL16B	Cathode ray tube Gas rectifier half wave
16F	16F	EL16F	Diode gas rectifier
16ЈР19 16РМІ	16JP19 6836/16PMI		Cathode ray tube See 6836/16PMI
ARP17 BL17	ARP17 BL17	NR85, 6FG6	Receiving tetrode power amplifier TR tube

	Current		,
Tube Type	Service Designation	Other Number	Class Description
CE17A/B CE17C CE17D EE17 FG17	CE17A/B CE17C CE17D FG17 FG17	NU17A/B EE17, WL17, WT272, 272, CE309, DE0517, NL715, UE967, 967, 4260, 4261, 5557, 5557/FG17, DG0517	Phototube Phototube Phototube See FG17 Thyratron, mercury
G17F MPT-17 MST-17 NU17A/B	G17F 7902 8048 NU17A/B	BL601 CE17A/B	Gas phototube See 7902 See 8048 Phototube (similar to NU2 with flat cathode)
RK17 SR17 SRL-17 TT-17 V17F WL17 17	SR17 SRL-17 TT-17 V17F FG17 17		Receiving pentode power amplifier (discontinued, type 2A5 nearest equivalent) Vacuum phototube Reflex klystron oscillator Chronotron vacuum type relay Vacuum phototube See FG17 Receiving triode (similar to type 27) Ballast tube
17ADP7 17AV5GA 17AX4GT 17BCP1 17BQ6GTB	17ADP7 17AV5GA 17AX4GT 17BCP1 17BQ6GTB		Cathode ray tube, magnetic deflection and focus, metal backed screen Receiving beam power pentode Receiving half wave hi vacuum rectifier Cathode ray tube, magnetic deflection, electrostatic focus Receiving beam power pentode
17C5 17C8 17CA5 17CA5 17CU5 17D4 17DE4 17DQ6 17G2 17H3 17HP7 17L6GT 17R5 17Z3 BL 18	17C5 17C8 17CA5 17CA5 17CU5 17D4 17DE4 17DQ6 17G2 17H3 17HP7 17L7GT 17R5 17Z3 6632		Receiving miniature pentode Receiving double diode-remote cutoff pentode, T6½. Canadian Receiving beam power pentode Receiving beam power amplifier Receiving half wave rectifie: Receiving diode Receiving beam pentode Ballast tube Miniature receiving diode Cathode ray tube Receiving beam power amplifier Miniature beam power amplifier Receiving booster diode (Dutch) See 6632
CE18A/B CE18B	CE18A/B CE18B	NU18A/B	Gas phototube Gas phototube

	Current Service		
Tube Type	Designation	Other Number	Class Description
CE18C CE18D CV18 CV18 (Br.) G18T HV18 M-18A MCC18 NU18 RBE-18A RK18	CE18C CE18D 2C34 2C34 G18T HF200 M-18A MCC18 NU18 6090 RK18		Gas phototube Gas phototube See 2C34 See 2C34 Gas phototube See HF200 Geiger-Mueller counter tube TR-Shutter tube Gas phototube See 6090 Transmitting triode amplifier
SRX18 TT-18 V18T 18 18DZ8 18FW6	SRX18 TT-18 V18T 18 18DZ8 18FW6		(discontinued) Klystron, reflex Chronotron-vacuum type relay Vacuum phototube Receiving power amplifier, pentode Miniature triode pentode Miniature pentode for broadcast
18FX6 18FY6 BL-19 C19K C19Q DET19 REL19 RK19	18FX6 18FY6 BL-19 C19K C19Q 2C34 ZP436 FK19		receiver Miniature pentagrid converters Miniature duodiode triode ATR tube Charactron cathode ray tube Charactron cathode ray tube See 2C34 Canadian designation for ZP436 Transmitting duodiode rectifier
SAC-19 SRX-19 TD-19 TE-19 19	SAC-19 SRX-19 TD-19 TE-19 19		(discontinued) CW amplifier klystron Klystron Subminiature voltage regulator Ruggedized version of 2C50 Receiving twin triode amplifier (Type 1J6G characteristics) Miniature power pentode, similar
19AU4	19AU4		to 6AC5 Receiving damper diode for series
19AU4GT 19AU7GTA 19BG6G 19BG6GA 19C8 19CS4 19D8	19AU4 19AU4GTA 19BG6G 19BG6G 19C8 19CS4 19D8		TV, T-9, glass bulb, octal base TV damping diode TV damping diode, 19AU4 with higher Receiving beam power amplifier Receiving beam power amplifier Miniature triple diode triode Receiving diode (British) Receiving triode-heptode miniature (Canadian) Miniature double triode, dissimilar
19J6	19J6		sections Miniature medium mu twin triode

	Current Service		,
Tube Type	Designation	Other Number	Class Description
1978	19T8		Miniature glass button triple diode triode
19TP22	19TP22		Tri-color cathode ray tube
19V8	19V8		Miniature double diode hi mu triode
19VP22	19VP 22		"Colortron", cathode ray tube
19WP	19WP		Cathode ray tube, metal cone, electrostatic focus, electro-
19X3	19X3		static & magnetic deflection Miniature half wave rectifier
	10710		(Dutch)
19X8	19X8		Miniature receiving triode-pentode converter
19Y3	1 9 Y3		Miniature half wave rectifier
			(Dutch)
BL20	BL20		TR tube, X band
CE20A/B	CE20A/B	NU20A/B	G phototube, obsolete, superseded by CE25
GE20X672	4B36		See 4B36
KR20	KR20		Receiving special detector
NU20 NU20C	927 927		See 927
REL 20	REL20		See 927
RK 20	804		Watson thyratron Transmitting pentode amplifier
	•••		(discontinued, replace with 804)
RK 20A	RK 20A	CK70	Transmitting pentode amplifier.
			Type RK20 (804) and RK46
SAC-20	SAC-20		Klystron amplifier, C bank
T-20	T-20		Transmitting triode amplifier,
			similar to 1623
TE-20	TE-20		Ruggedized version of 2C52
TG20	TG20		Spark gap
TT-20	TT-20		Chronotron-vacuum type relay
TUG20	TUF20		Transmitting or receiving VHF triode
TX-20	TZ-20		Transmitting triode amplifier- multiplier
U 20	CV31	0.1	See CV31
20	20 m 4	01	Receiving triode amplifier (Obsolete)
20-4 20AP1	20-4 20 AP 1	2521 \$ 20	Ballast tube
WAL I	20 AP 1	_ 2532A20	Cathode ray tube. Obsolete, superseded by K-1019P1. Not directly interchangeable
20BP1	20BP1		Cathode ray tube
20 J8	20 Ј8		Receiving triode heptode converter (Canadian)
20X672	4B36		See 4B36
A21	A21		Therapy type HF triode
AR21	VR55 (Br.)		See VR55 (Br.)

	Current Service		
Tube Type	Designation	Other Number	Class Description
AW21 CE21A/B CE21C CE21D D21 G21 KY21 KY21A PJ21	AW21 CE21A/B 920 CE21D 3D21 G21 KY21 KY21A PJ21		Triode vacuum control tube (similar to 203A) Phototube Phototube Phototube See 3D21 Gas phototube Thyratron Thyratron Triode vacuum control tube
REL21 RK21	. V1507 RK21		See V1507 Diode vacuum rectifier (obsolete,
RX21	RX21		nearest equivalent 836) Diode gas rectifier (superseded by RX21A/RX21)
RX21A RX21A/RX21 RY21 SAC-21 SRC21	RX21A / RX21 RX21A / RX21 RY21 SAC-21 SRC21	RX21A	See RX21A/RX21 Transmitting diode gas rectifier Transmitting triode amplifier Klystron amplifier Klystron, reflex, waveguide output
T21	T21	RK 49	Transmitting tetrode amplifier (similar to 6L6GX)
TB-21 TT-21 VW21 VX21 X-21 21-2 21A6	688 1 TT-21 VW21 5799 X-21 21-2 21A6		See 6881 Chronotron-vacuum type relay Subminiature type diode See 5799 Velocity variation UHF oscillator Ballast tube Miniature button output pentode
21B6	21B6		(Dutch) Receiving beam power amplifier (French)
A22 AC22 BL22	A22 AC22		Receiving tetrode amplifier (obsolete) Receiving tetrode amplifier (obsolete, nearest equivalent is 24A)
CE22A/B CE22C CE22D CE- 22WB- AB CE22WB- S1 D22	BL22 CE22A/B CE22C 924 CE-22WB-AB CE-22WB-S1 D22	NU22A/B	TR tube, X band Gas phototube, red-infrared sensitive Gas phototube, red-infrared sensitive See 924 Phototube (without base) Phototube (without base) Geiger-Mueller counter tube. Replace
D22S KR22 M22 MPT22 NU22A/B PJ22	D22S KR22 M22 8088 NU22A/B PJ22	CE22A/B V-9, WL734, CE1VC, 59AV, 59AV3, NU1V	with MK IMOD10D Special version of type D22 Receiving special detector Geiger-Mueller counter tube See 8088 Gas phototube Vacuum phototube

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	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
REL22 REL22 SPECIAL RK22 SAX-22 TD22 TT-22 V-22 V-22H	REL22 REL22 3B23 SAX22 6782 TT-22 V-22 V-22H	REL Special	Obsolete, Canadian number Obsolete, Canadian number See 3B23 Klystron, X band, pulsed See 6782 Chronotron-vacuum type relay Klystron, CW tunable Klystron, CW tunable
X-22	X22/8D		Klystron
22	22	3222, SE3222, X222 CK322, VT- <i>2</i> 6	Receiving tetrode amplifier (obsolete)
22-4	22-4		Ballast tube
22AP1 22CP	22AP1 22CP		Cathode ray tube Cathode ray tube, magnetic deflection
22DP	22DP		and focus Cathode ray tube, electrostatic focus, magnetic deflection
CE23A/B CE23C CE23D E23_	CE23A/B CE23C CE23D E23		Phototube, replaced by 923 Gas phototube, replaced with 923 Gas phototube, replaced with 923 Thyratron
K23B	K23B	VII 1000	Ballast tube
KU23	KU23	NU300	Transmitting triode amplifier
L23 MPT-23	L23 BL-T-041/8060/	BL-T-041, 8060	Ceramic, small, signal amplifier See BL-T-041/8060/MPT23
NU23 PJ23 REL23 RK23	MPT23 NU23 868 REL 23 RK23		Gas phototube See 868 Canadian numba Transmitting pentode amplifier
SAK23	SAK23		oscillator-ceramic base Klystron
TD- 23	6882		See 6882 Klystron oscillator, tunable
V-23 X-23	V-23 X-23		Klystron Oscillator, tallable
A-23 23-55A	23-55A	•	Ballast tube
23D4	23D4		Ballast tube
BL24	BL24		Duplexer (TR and ATR complete)
CE24C	CE24C		Obsolete phototube
HK24	HK 24	25T, 3-25A3/25T	Transmitting triode amplifier •
HK24G	3C24	VT-204	See 3024
HY24	HY 24	RX24	Transmitting triode amplifier
K24	K24		Receiving screen grid RF amplifier
KU24	KU24	חו די חבת סתכו	Hydrogen Thyratron See BL-T-059/8061/MPT24
MPT24	BL-T-059/8061/ MPT24	BL-T-059, 8061	
RK24	RK24	HY24	Receiving and transmitting triode amplifier (obsolete)
SRC24	SRC24		Velocity variation UHF oscillator- klystron

	Current Service		
Tube Type	Designation	Other Number	Class Description
TD-24 TT-24	6852 TT-24		See 6852 Chronohm timing tube with negative coefficient of resistance
TW24D V-24B	TW24D V-24B	X-24/X A	Traveling wave tube Klystron power amplifier, pulsed fixed frequency
VG24G	VG24G		Transmitting-Special purpose tube, obsolete
X-24/XA 24 24A	V-24B 24 24A	224, VT-28 3924, 124, 124A, 424A, VT-28	See V-24B Superseded by 24A Receiving tetrode amplifier (similar to 35/51)
24G	24G		Receiving tetrode amplifier. Obsolete, use 24A
24S ATS25 B25 BK25B BL25	24S 807 5622 BK25B 6322 CE25A/B		Receiving tetrode amplifier See 807 See 5622 Ballast tube See 6322 See CE25A/B
CE25A CE25A/B CE25C CE25C/B CE25D CE25L CE25V	CE25A/B 927 927 927 CE25L CE25V	CE25A	Gas phototube See 927 See 927 See 927 Phototube Gas phototube, see CE25A/B, CE25C, CE25D
CE-B25-V C V 25	CE - B25-V CV25	4242A	Mechanically improved CE-25V Transmitting modulator RF amplifier (British)
D25 FT25 HY25 KR25	2E25 FT25 HY25 KR25		See 2E25 Strobotron Transmitting triode amplifier Receiving pentode power amplifier (Nearest equivalent 2A5)
KU25 L-25 NU25A/B NU25C PEN-25 REL25 RK25	8474/KU25 L-25 NU25A/B 927 CV65 12DP8 RK25	CE25A/B	See 8475/KU25 Planar tetrode Gas phototube, see CE25C and CE25D See 927 See CV65 See 12DP8 Transmitting pentode amplifier oscillator. Ceramic base. Obsolete. Near-
RK 25A RK 25B	PK 25A PK 25B		est equivalent 802. Discontinued, see FK.25 and RK.25B Similar to FK.25 except for phenolic base. See FK.25.
S25A SOS-25 TG25	CV16 SOS-25 TG25		See CV16 Klystron (diathermy) Spark gap tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
TRG-25 TT-25 VT25 (Br.)	TRG-25 6361 VT25 (Br.)	AT35, 10E/7312,	Spark gap tube See 6361 Transmitting triode amplifier
VT25(BI.)	VT25(BI.) VT25A	CV1362 10 Special, 25A, 2C25	(British)
WT 25 25-4 25-258 25A 25A6	WT25 25-4 1B5/25S VT25A 25A6	10 Special, 25A, 2025	Transmitting triode amplifier- oscillator (similar to 10Y) Triode vacuum control tube Ballast tube See 1B5/25S See VT25A Receiving pentode amplifier
25A6G 25A6GT 25A6GT/G 25A6MG 25A7G	25A6GT 25A6GT 25A6GT 25A6MG 25A7G	25A6GT/G	(obsolete, see 25A6GT) See also 25A6GT Receiving pentode amplifier See 25A6GT Obsolete, equivalent to 25A6 and 25A6GT/G Receiving diode rectifier, pentode
25A7GT /G 25A7GT /G 25AC5G	25A7GT 25A7GT 25AC5G	25A7GT/G	amplifier. Obsolete Receiving diode rectifier, pentode amplifier. Obsolete See 25A7GT Receiving triode amplifier.
25AC5GT 25AC5GT/G 25AU4GT 25AV5GA 25AV5GT 25AX4GT 25AX4GTA 25B5	25AC5GT 25AC5GT 25AU4GT 25AV5GT 25AV5GT 25AX4GT 25AX4GTA 25B5	25AC5GT/G	See 25A05GT Receiving triode amplifier See 25AC5GT Damper diode (British) Beam power amplifier Receiving beam power amplifier Half wave hi vacuum rectifier Half wave hi vacuum rectifier Receiving twin triode direct coupled
25B6 25B6G 25B6GT 25B8GT	25B6 25B6G 25B6GT 25B8GT		amplifier (obsolete) Receiving pentode amplifier (obsolete) Receiving pentode amplifier (obsolete) Receiving pentode amplifier (obsolete) Receiving triode pentode-obsolete (type 12B8GT characteristics)
25BK5 25BQ6GA	25BK5 25BQ6GA		Miniature beam power pentode Receiving beam pentode for TV
25BQ6GA/25CU6 25BQ6GT 25BQ6GTB/25CU6 25C5	25BC6GA / 25CU6 25BC6GT 25BC6GTB/25CUY6 25C5		applications See 25BQ6GA Receiving beam pentode 25BQ6GA in T-9 envelope Receiving beam pentode, miniature.
25C6G	25C6G		See also 50C5 Receiving pentode amplifier (Type 6Y6G characteristics) obsolete
25C6GA	25C6GA		Receiving beam power amplifier

	Current Service		
Tube Type	Designation	Other Number	Class Description
25CA5	25CA5		Miniature receiving beam pentode, similar to 6CA5
25CD6G 25CD6GA	25CD6G 25CD6GA		Receiving beam power amplifier 25CB6G with controlled heater warm up characteristics
25CD6GB	25CD6GB		25CD6G with higher ratings, similar to 25BC6
25CR5	25CR5		Miniature receiving beam power amplifier. See also 6CR5 (Canadian)
25CU6	25CU6		Receiving beam power amplifier, see also 6CU6 and 12CU6
25D4	25D4		Receiving half wave rectifier same as 12D4 except heater
25D5 25D8GT 25DN6 25DQ6 25DT5	25D5 25D8GT 25DN6 25DQ6 25DT5	•	Beam power amplifier. Obsolete Receiving diode triode pentode Receiving beam power amplifier Receiving beam power amplifier Miniature beam power tube for TV
25E5	25E5		vertical deflection Receiving beam power amplifier (Canadian)
25EO6	25EC6		Receiving beam pentode T12 envelope Similar to 25CD6-GB
25EM5	25EM5		Miniature power pentode
25F5 25L6	25F5 25L6	VT-201	Miniature receiving beam power tube Receiving pentode amplifier (obsolete, replace with 25L6GT).
25L6G	25L6G		Replace with 25L6GT
25L6GT 25L6GT/G	25L6GT 25L6GT	VT-201C, 25L6GT/G	Receiving pentode amplifier See 25L6GT
25L7GT	25L7GT	25L7GT/G	Receiving pentode amplifier diode rectifier (obsolete)
25L7GT /G	25L 7 GT		Receiving pentode amplifier diode rectifier (obsolete)
25N6G	25N6G		Receiving twin triode amplifier- Obsolete
25Q6GT	25Q6GT		Beam pentode
25R	25R	2-25A/25R	Transmitting diode vacuum rectifier
25S	1B5/25S		See 1B5/25S · See 1B5/25S
25S25 25SÇ7GT	1B5/25S 25SQ7GT		Receiving double diode triode, T-9 envelope
25T	HK24		See HK24 See 3C24
25TG	3C24 25AU4GT		Half wave rectifier tube (British)
25U4GT 25W4GT	25W4GT		Receiving rectifier, half wave. Obsolescent
25W6GT	25W6GT	•	Receiving beam power amplifier

	Current Service		·
Tube Type	Designation	Other Number	Class Description
25X6GT	25X6GT		Receiving duodiode rectifier doubler (similar to 25Z6GT/G)
25X4	25X4		Receiving diode rectifier
25Y4GT	25Y4GT		Receiving diode rectifier (similar to 25Z4)
25Y5	25Y5		Receiving duodiode rectifier doubler (nearest equivalent is 25Z5)
25Z3	25Z3		Receiving diode rectifier. Obsolete
25Z4	25Z4		Receiving diode rectifier. Obsolete (similar to 25Y4GT)
25 Z5	25Z5		Receiving duodiode rectifier doubler (nearest equivalent is 25Y5)
25Z5MG	25Z6MG		See 25Z6MG
25Z6	25Z6		See 25Z6GT replace with 25Z6GT
25Z6G	25Z6G	0.5 T 0.0 T 1.0	Replace with 25Z6GT
25Z6GT	25Z6GT	25Z6GT/G	Receiving duodiode rectifier doubler (similar to 25X6GT)
25Z6GT/G	25Z6GT	05.750.40	See 25Z6GT
25Z6MG	25Z6MG	25Z5MG	Obsolete; equivalent to 25Z6 and 25Z6GT/G
25Z6WGT	25Z6WGT		Ruggedized version of 25Z6GT. Not directly interchangeable. See 5839
BL26	6566 CE26	NUICO	See 6566
CE26	CE26	NU26	Phototube (same as CE3 except in basing) See 1P33
CE26D	IB33		See IP33
CV26	CV26	DI 600	Transmitting tetrode
MPT26	7309/MPT26	BL693	See 7309/MPT26
MXK26 NU26	X-13 NU26	CE26	See X13
QK 26	707 B	CEZO	Phototube. Obsolete See 707B
SAC26	SAC26		Klystron
SRC26	SRC26		Klystron, reflex
TT-26	TT-26		D-C convectron, Y type
X-26B	X-26B		Reflex klystron oscillator 6.3-7.5 KMc
X-26D	X-26D		Reflex klystron oscillator, 5.8-7.125 KMc
X-26E	X-26E		Reflex klystron oscillator, 5.3-6.6 KMc
X-26F	X-26F		Reflex klystron oscillator, 5.3-6.3 KMc
26	26	126, 326, UX226, 226	Receiving triode amplifier
26 A 5	26A5		Miniature tetrode (beam power) amplifier
26A6	26 A 6	A4465E	Miniature 6SG7 RF pentode amplifier
26A7GT	26A7GT		Receiving twin pentode amplifier
26B6	26B6		Obsolete, superseded by 26D6
26BK6	26BK6		Miniature duo-diode triode
26C6	26C6	A4454	Miniature 6SR7 duplex diode triode

	Current Service		
Tube Type	Designation	Other Number	Class Description
26CG6	26CG6		Miniature receiving pentode, remote cut off
26D6	26D6		Miniature 6SA7 pentagrid converter
26E6G	26E6G		Receiving beam power amplifier
26E6WG	26E6WG		Receiving beam power amplifier (ruggedized)
2 6 Z 5	26Z5		Miniature twin diode rectifier
26Z5W	26Z5W		Ruggedized version of 26Z5
BL-27	6334		See 6334
D-27	6AL5		See 6AL5
FG-27A	FG27A		Thyratron, mercury
HK 27	HK27		Receiving VHF beam pentode
MXT-27	BL651H/MXT27		See BL651H/MXT27
HV27	HV27/T822	11110E ED 20	See HV27/T822
HV2 7 /T 8 22 K2 7	HV27 /T822 27	HV27, T822	Transmitting triode amplifier See 27
SMS-27	SMS27		Klystron multiplier
TT-27	TT-27		Single DC convectron
V-27	V-27		Klystron amplifier
V-27B	V-27B		Klystron amplifier, two resonator type
27	27	3373, DE1, K27, 127, UY 227, 227, 327, VT-29	Receiving triode detector amplifier (similar to 56)
27 <i>F</i> .	27 A		Type 27 with low current filament (discontinued, see 27)
27 AM	27HM		Receiving triode detector amplifier (obsolete)
2 7M3	27M3		Photomultiplier-(British)
27 S	278		Receiving triode detector amplifier (similar to 27)
A28	A28		Receiving triode detector amplifier
BL 28	65 68/BL28		See 6568 /BL28
CE28A/B	CE28A/B		Gas phototube
CE28C	CE28C		Gas phototube
CE28D	928		See 928
CV28	CV 28		Transmitting triode amplifier (British)
CW28	CW28		Therapy type triode (inactive)
D28	6AQ6		See 6AQ6
KR28	84/6Z4		See 84/6Z4 .
QK28	2K 28		See 2K28 Transmitting pentode amplifier
RK28	RK28		See 803
RK 28 A	803 SAS 2 8		Klystron, CW amplifier
SAS-28	5A526 V-28	X28	Klystron oscillator
V-28 28 A	803	na.	See 803
28 D7	28D7		Receiving lock-in type double beam
س م	wu.		power amplifier
28 D7 W	28D7W		Ruggedized version of 28D7

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	Current		
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Tube Type	Designation	Other Number	Class Description
2825	28.25		Receiving lock-in type duodiode rectifier
BK 29B	BK 29B		Ballast tube
BK 29D	BK 29D		Ballast tube
BL 29	BL 29		Crossed guide duplexer
CE29A/B	CE29A/B		Phototube
CE29C	CE29C	•	Phototube
CE29D	CE29D		Phototube
CV29	CV29	E1235	Transmitting UHF triode (British)
FG29	FG29		Thyratron. Superseded by GL44
GL-29H1	EP-GL29H1		FM counter tube.
GLM29L1	EP-GL29L1		GM counter tube.
L29	6299		See 6299
REL 29	REL 29		Canadian number
SAC29	SAC29		Klystron amplifier
TG29	TG29		Spark gap tube
VU29	VU29	10E/8087	Diode gas rectifier (British)
29	29		Receiving special detector
A30	A30		Receiving power amplifier triode
BRITISH VT30	T250		See T250
CE30	CE30	NU 30, 930	Phototube (similar to CE15)
CE30C	930		See 930
CE30V	CE30V	4070 A	Phototube
CV30	CV30	4270A	Transmitting modulator RF amplifier (British) See 3B4
HD30	3B4		See 809
HY30Z	809 2C38		See 2C38
L30C L-30-P	2C30 2C41		See 2C41
MCT30	MCT30/BL352A	BL352A	TR tube with shutter
NU30	NU30	CE30	Phototube
NU30Z	809	0200	See 809
QK30	QK30		Pirani bulb ionization manometer
REL30	REL30	1B24	Obsolete, Canadian number, see 1B24
RK30	800		See 800 (RK30 discontinued, replace with 800)
RW30	RW30		Obsolete (similar to 218 and CG1861)
SAX-30	SAX30		Klystron amplifier
TE-30	6531		See 6531
TWIN 30	Twin 30		Transmitting twin triode amplifier
30	30	3872, 330, 230, 130 SE3872, VT-27	Receiving triode detector amplifier
30 A5	30A5		Miniature output pentode (Canadian)
30BP4	30BP4		Television picture tube
30 SPECIAL	VT67		See VT67 (Not type 30)
30Z	809		See 809
BL31	6637		See 6637
CE31A/B	CE31A/B		Phototube Phototube
CE31C	CE31C CE31D		Phototube Phototube
CE31D	CLUIL		. Hototabe

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	Current Service		
Tube Type	Designation	Other Number	Class Description
CE31VD CV31	919 919 CV31	U20	See 919 (Type CE11V cathode at top) See 919 Transmitting duodiode rectifier (British)
HY31 HY31Z HY31Z/HY1231Z	8354/HY31 HY31Z/HY1231Z HY31Z/HY1231Z	NU31Z, HY31Z, HY1231Z	See 8354/HY31 See HY31Z/HY1231Z Transmitting twin triode amplifier-
KR31 NU31V NU31Z REL31	KR31 919 HY31Z/HY1231Z REL31	n112312	modulator-multiplier Receiving diode rectifier See 919 See HY31Z/HY1231Z F. C. M. similar to 723A/B (Canadian)
RK31 SMK-31	RK31 SMK31		Transmitting triode amplifier (discontinued) Klystron multiplier
TE-31 VT31 (Br.)	7311 VT31 (Br.)	536, AT\$250, 10E/8739, CV1031	See 7311 Transmitting tetrode amplifier
31 31SBP2 A32 BL32 CE32A/B CE32C CE32D CV32 CV32 (Br.) EL32	31 4QP2 A32 BL32 CE32A/B CE32C CE32D 866A 866A VT52 (Br.)	231, QK264, VT-31	Receiving triode power amplifier See 4QP Receiving triode amplifier TR tube. Special 1B24A Vacuum phototube Vacuum phototube Vacuum phototube See 866 A See 866 A See VT52 (Br.)
FG32 GE NE32	FG32 CE NE32	5558 /FG-32, 5558	Diode gas rectifier 1 watt neon lamp, 105-125V, G10 bulb
REL32	REL32	BM313	F. C. M. magnetron, obsolete (Canadian)
RK32	RK32		Transmitting triode amplifier (discontinued)
SMX-32 TE-32 T32P1	SMX32 7312 T32P1		Klystron multiplier See 7312 Cathode ray tube, electrostatic de- flection and focus (Tektronix)
VW32 VX-32 VX32B 32	VW32 5802 5802 32	3873, 232, SE3873,	Subminiature type low mu triode See 5802 See 5802 Receiving tetrode amplifier
32E 32ET5 32L.7GT	932 32ET5 32L7GT	VT-44	(similar to 34) See 932 Miniature audio pentode Receiving diode rectifier, pentode amplifier (obsolete)

	Current Service		
Tube Type	Designation	Other Number	Class Description
CE33	CE33	NU33	Phototube (type CE13 with cathode at top)
CV33 EBC33	CV33 VR55 (Br.)	4077Å	Diode gas rectifier (British) See VR55 (Br.)
FG33 NU33 QK33	FG33 NU33 2K33	CE33	Thyratron, mercury Phototube See 2K33
REL33 REL33A	12HP3 12HP1		See 12HP3 See 12HP1
RK33 SAC-33	2C21 SAC33		See 2C21 Klystron, CW amplifier
TG-33 MXT-33	TG-33 MA342		Spark Gap See MA342
V-33 VX-33 VX33A	V-33 VX-33 5801		Klystron oscillator, 8.2 to 15 KMc Subminiature triode. Replaced by 5801 See 5801
33 33NOP11	33 33NOP11	VT33, 333	Receiving pentode power amplifier 3 inch cathode ray tube, 3 guns, electrostatic focus and deflection
ARP34 BL34	VR53 (Br.) BL34		See VR53 (Br.) TR Tube
EL34 EM34 ER34	6CA7 6CD7 VR54 (Br.)		See 6CA7 See 6CD7 See VR54 (Br.)
HD34 REL34	HD34 2C40		Receiving miniature beam amplifier See 446 and 2C40
RK34 TD34	2C34 7148	VT-224	See 2C34 See7148
TE34 V-34 X-34	7314 V-34 X-34		See 7314 Klystron, reflex integral cavity type Klystron, tunable version of X-13
XA-34 34	6047 34	VT54, 234, 334	See 6047 Receiving RF pentode, remote cut off
34XH ARP35	3AP1 ARP35	VR91 (Br.) EF50 (MUL)	See 3AP1 Receiving RF pentode amplifier (British)
AT35 BL35	VT25 (Br .) 6560		See VT25 (Br.) See 6560
REL35 RK35	2B27 RK35		See 2B27 Transmitting type triode amplifier **Plantage amplifier**
SAC35 TB35 TE35	SAC35 3D23 6582		Klystron amplifier See 3D23 See 6582
UH35 35	UH35 35	4465, 551, 35/51	Transmitting type triode amplifier Receiving type tetrode amplifier (similar to 24A)
35-25 35/51	35–25 35	VT-35	Ballast tube See 35
35A3	35A3		Miniature receiving half wave rectifier (Italian)

	Current Service		
Tube Type	Designation	Other Number	Class Description
35A5	35A5		Receiving lock-in type pentode amplifier
35A5LT	.35A5LT		Obsolete
35B5	35B5		Miniature beam power amplifier (35L6GT characteristics)
35C3	35C3		Miniature half wave hi vacuum recti- fier (Canadian)
35C5 35CD6GA	35C5 35CD6GA		Miniature beam power pentode Beam power amplifier
35D5	35D5		Miniature beam power pentode
35L6G	35L6G		See 35L6GT
3 5 L6GT	35L6GT	35L6GT/G	Receiving pentode amplifier
35L6GT/G	35L6GT		See 35L6GT
35R	35R	2-50A/35R	Transmitting diode vacuum rectifier
35\$	35\$/51\$		See 35S/51S
35\$/51\$	35\$/51\$	551S, 35S, 51S	Type 35/51 with spray shield (obsolete; replace with 35 and shield)
35T	35T	3- 50 A4/35T	Transmitting type triode amplifier
35TG	35TG	3-50D4/35TG	Transmitting type triode amplifier. Nearest equivalent is 4C25(HK54)
35W4	35W4		Miniature version of 35Z5GT
35Y4	35Y4	05.70	Receiving lock-in type diode rectifier
3 5 Z3	35Z3	35 Z3LT	Receiving lock-in type diode rectifier
35Z3LT 35Z4	35Z3		See 35Z3
35Z4GT	35Z4 35Z4GT		Use 35Z4GT
35Z5G	35Z5G		Receiving diode rectifier
35Z5GT	35Z5GT	35Z5GT/G	Replace with 35Z5GT Receiving diode rectifier
35Z5GT/G	35Z5GT	33230170	See 35Z5GT
35Z6G	35Z6G		Receiving duodiode rectifier
BL36	BL36		ATR tube, fixed tuned
CE36C	CE36C	19210	Gas phototube (similar to 927, except shorter in base)
CE36D	CE36D		Gas phototube
E36	E36	5956/E36	Hydrogen thyratron, oil immersed, see also 5956/E36
EF36	VR56 (Br.)		See VR56 (Br.)
L36D	L36D		Ballast tube
QK 36	3B26		See 3B26
REL36	REL36		Grounded grid acom type (Canadian)
RK36	100TL		See 100 TL
SAL-36	SAL-36		Klystron
SMC-36	SMC-36		Klystron multiplier
SRC36	SRC36		Klystron
TD36 TE36	TD36 6754		Gas diode
TG36	TG36	MDS105	See 6754
V-36	V36	611 OTOJ	Spark Gap Kl ystro n
36	36	4610, 36A, 236, VT-36	Receiving tetrode amplifier
	- -	1010, 0011, 200, 11-30	(similar to 39/44)

	Current Service		
Tube Type	Designation	Other Number	Class Description
36A 36AM3 BL37 CE37 E-37 E37A HA37D REL37 RK37	36 36AM3 6633 CE37 5957/E-37 E37A 8305 12HP7 RK37		See 36 Miniature current limiting diode See 6633 Gas phototube See 5957/E-37 Hydrogen thyratron, similar to 4C35 See 8305 See 12HP7 Transmitting triode amplifier (obsolete)
RL37 RN37 TE-37 37	CV66 CV66 TE-37 37	4611, 37A, 337, VT-37	See CV66 See CV66 Klystron, integral cavity Receiving triode detector amplifier
37-4 37A BL38 BL38A CE38 CV38	37-4 37 6228 BL 38A CE38 CV38	E1198, REL3C, 315B,	(similar to 76) Ballast tube See 37 See 6228 ATR tube, fixed tuned Gas phototube Transmitting UHF oscillator
E38 EL38 MST38 REL38 REL38A REL38B REL38C REL38D	8370 6CN6 8099 REL38 CV85 CV100 CV125 REL38D	UK3108 1923	(British) See 8370 See 6CN6 See 8099 Spark gap modulator (Canadian) See CV85 See CV100 See CV 125 Special based 2027 spark gap modu-
RK38	RK38		lator (Canadian) Transmitting triode amplifier oscillator (similar to 100TH, 4C22/HF100 and HK254)
SRV-38	SRV-38		Reflex klystron oscillator, output
TD38 TE-38 V-38 X38 38 38 A 38 A	8151 6584 X38 X38 38 38 38A3	4612, 38A, 338, VT-38	power 30 mu See 8151 See 6584 Klystron oscillator, S band Klystron oscillator Receiving pentode amplifier See 38 Miniature receiving single anode rec-
BL39 CE39 EF39 REL39	BL39 CE39 VR53 (Br.) REL39		tifler (Canadian) TR tube, special 1B63A Gas phototube See VR53 (Br.) Canadian 6AC7 selected for microphonics

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
RK39	RK39		Transmitting pentode amplifier (similar to 807 except for capacitances)
SAL-39 SAL-39 A	SAL-39 SAL-39A		Klystron, tunable, pulsed, air cooled Klystron, SAL39 with increased power for cw or pulse service
TD39	7999		See 7999
TE-39	6116		See 6116
V-39	V39		Reflex klystron oscillator
X-39 B	V39 A		Reflex klystron oscillator, 10-15.5 KMc with flying leads
V-39C	V39C		Reflex klystron oscillator, 10-15.5 KMc with 3 pin base
WE39DY1	39DY1	VT-142	See 39DY1
X39	X39		Reflex klystron
39	39/44	444	Obsolete, superseded by 39/44
39/44	39/44	44, 239, 39, VT-49	Receiving pentode amplifier (similar to 36)
39 DY1	39DY 1	WE39DY1	Transmitting triode UHF oscillator
A40	A40		Receiving power amplifier triode
BL40	B L40		ATR tube
CE40	CE40		Phototube
E40	5958/E40		See 5958/E-40
1HX40	HX40	NU40T	Transmitting triode amplifier
1111 1007	137.405	111 OFF	oscillator-modulator
HY40Z	HY40Z	NU 40 TZ	Transmitting triode amplifier modulator-multiplier (similar to NU40TZ). Use 5514
L40C	L40C		Ballast tube
L40CT	L40CT		Ballast tube
NU40T	NU40T	NU40T, T40	Transmitting triode amplifier
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			modulator
NU40TZ	NU40TZ	HY40Z, NU40TZ	Transmitting triode amplifier modulator-multiplier
REL40	REL40		Cathode ray tube (Canadian)
SMK-40	SMK 40		Klystron, output power 600 m. watts
T40	T40	NU 40 T	Transmitting triode amplifier
TD40	8152		See 8152
TE-40	6888		See 6888
TZ40	TZ40	NU40TZ, 10E/11534 VT-76 (Br.), RK11	Transmitting triode (nearest equivalent British VT76, 10E/11534 and DA41)
V-40	V40		Reflex klystron oscillator
V-40B	V40B		Reflex klystron oscillator, 15-21 KMc, flying leads
V-40C	V40C		Reflex klystron oscillator, 15-21 KMc, with 3 pin base
40	40	UX2 40, 240 WL 435, 4 40, VT-40	Receiving triode amplifier (obsolete, similar to 12A/112A)
40-6D	40-6D		Ballast tube (superseded by 40-6E)

			•
	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
40-6E	40-6E		Ballast tube
40B2	40B2		Ballast tube, constant current
40Z5GT	45Z5GT		See 45Z5GT
			See 45Z5GT
40Z5/45Z5GT	45Z5GT		
BL41	BL41		ATR tube
CE41	CE41C	CE 41	Gas phototube. (See CE41C)
CE41C	CE41C	CE4l	Gas phototube (similar to 921)
E41	5959/E-41		See 5959/E41
EBC41	6CV7		See 6CV7
FG41	FG41		Thyratron, mercury
REL41	REL41		Canadian 6AC7 selected for
DIC 41	DICAL		microphonics
RK41	RK41		Transmitting tetrode amplifier
			(discontinued) (similar to
	0.10.1		Type RK39, 807)
SAC-41	SAC41		Klystron, cw amplifier, power output
mars. 1.5	0000		10 watts
TD41	8030		See 8030
VW41	VW41		Subminiature type electrometer
**** .1	5000		tetrode
VX-41	5800		See 5800
VX41A	5800		See 5800
VX41A-C	VX41A-C		VX41A in a plastic sleeve
X41/KR	X41/KR	S ZOTO ATO	K band reflex oscillator klystron
41	41	VT48	Receiving pentode amplifier
4111170	411140		(similar to 6K6G, 42, 6B5)
41HAP series	41HAP		4 inch, single gun cathode ray tube,
ALUMIDA	ANID		electrostatic focus and deflection See 4NP
41WHP7	4NP		
CE42	CE42		Vacuum phototube
CE42C	CE42C		Vacuum phototube (similar to 922)
E-42	6130		See 6130
EAF42	6CT7		See 6CT7
EB-42	EB-42 6CU7		See 857A, 857B See 6CU7
ECH42 K42A			Ballast tube
	K42A		Ballast tube
K42B K42C	K42B K42C		Ballast tube
	6130		See 6130
KU-42 L42B	L42B		Ballast tube
			Ballast tube
M-42A REL42	M-42Å CV90		See CV90
	RK 42		
RK42	111/42		Receiving triode amplifier, similar to type 30 and 106GT
SVC-43	8361		See 8361
SAC-42			Noise source (Tucor)
T 42V 4 TD42	T42V4		See 8031
	8031 V42B		
V-42B	V42B		Klystron amplifier, three resonator
			type. 475-425 Mc.

	Current Service		
Tube Type	Designation	Other Number	Class Description
V-42C	V42C		Klystron amplifier, three resonator type. 890-960 Mc.
42	42	10E/333	Receiving pentode amplifier (similar to 6F6G, 41)
42Å	42Å		Ballast tube. Obsolete. Use 3-40
42A1	42A1		Ballast tube
42A2	42A2		Ballast tube
42A /79	42A/79		Ballast tube
42 B2	42B2		Ballast tube
BL43	6304		See 6304
REL43	9MP9		See 9MP9
RK43	RK43		Receiving twin triode amplifier
TD43	8287		See 8287
43	43		Receiving pentode amplifier
40) 40	25.40		(Type 25A6G characteristics)
43MC	25A6		See 25A6
43MG	43MG BL44		Obsolete, equivalent to 43 TR tube, similar to 1B63A
BL44 OK44	QK 44		Packaged magnetron
REL44	CV 129		See CV 129
RK44	837		See 837
T44L6C	8341		See 8341
T44L11D	T44L11D		Gas noise source (Tucor)
T44S7A	7154/T44S7A		See 7154/T44S7A
T44S15	T44S15	LR2000	Gas noise source (Tucor)
TD44	7988		See 7988
44	39/44		See 39/44
BL45	BL45		ATR tube
CV45	CV45		Voltage regulator (British)
GE45X674	38674		See 38674
HP-45B	HP-45B	1941-0006	Thyratron (Hewlett Packard)
H45	3C45		See 3C45
KL45	KL45		Ballast tube
M-45B-7 M-45C-10	M-45B-7 M-45C-10		Corona voltage regulator Corona voltage regulator
M-45C-10 M-45C-12	8206		See 8206
REL45	12FP7		See 12FP7
RK45	RK45		Transmitting pentode amplifier
SAC-45	SAC-45		Klystron
SAC-45A	SAC-45A		Klystron amplifier
SAC-45C	SAC-45C		Klystron
TE45	6853		See 6853
V-45	V-45		Klystron multiplier, X band
45	4 5	3921, UX245, MX245,	Receiving triode amplifier
		245, 345, VT-45	(similar to 2A3)
45-072-01	45-072-01		Noise source (Tucor)
45A	45A		Receiving power amplifier triode
45B5	45B5	נאדי בי	Receiving power pentode-(Canadian)
45 SPECIAL	38 142	VT-52	See 38142 See 38674. Use 6C
45X674	38674		See 380/4. Use oU

	Current		
Tube Type	Service Designation	Other Number	Class Description
45Z3 45Z5GT B46 BL46 CE46 LM46 QK46 REL46 RK46	45Z3 45Z5GT 5624 6639 CE46 LM46 6003 CV16 RK46	R6130 40Z5/45Z5GT, 40Z5GT	Miniature diode rectifier Receiving diode rectifier See 5624 See 6639 Phototube Neon bulb. Equivalent to NE-16 See 6003 Obsolete, Canadian number; see CV16 Transmitting pentode amplifier (Type RK20A characteristics,
SAC-46 V-46 46 46A1 46B1 B47 BL47 CE47	8315 V46 46 46A1 46B1 5623 BL47 CE47	VT63	except for filament) See 8315 Klystron Receiving dual grid triode amplifier Ballast tube Ballast tube See 5623 TR tube, fixed tuned Phototube
QK47 REL47 RK47 SAC-47 47 A48 CE48 ESM-48	2J55 CV58 814 SAC-47 47 A48 1P34 ESM-48	PZ, 247, 447, VT-47	See 2J55 See CV58 See 8 14 Pulsed amplifier klystron Receiving pentode power amplifier Receiving triode detector amplifier See 1P34 Magnetron
MXT-48 NR48 REL48 RK48 RK48A RK48A/RK48	8330 VR55 (Br.) CV82 RK48 RK48A/RK48 RK48A/RK48	257, RK48A	See 8330 See VR55 (Br.) See CV82 Obsolete; see RK48A/RK48 See RK48A/RK48 Transmitting tetrode amplifier (similar to 814)
STL-48 T48U14 T48U27 T48V1D 48	STL-48 T48U14 T48U27 T48V1D 48	348	Traveling wave tube Gas noise source (Tucor) Gas noise source (Tucor) Receiving tetrode power amplifier
CE49 CV49 K49B MXT-49 K49C K49-B NR49 REL49 RK49	CE49 CV49 165R4 8331 165R8 K49C-B VR56 (Br.) CV88 RK49	3B/501A, HK54 WE350A, T21	(obsolete) Phototube Transmitting UHF triode (British) See 165R4 See 8331 See 165R8 Ballast tube See VR56 (Br.) See CV88 Transmitting tetrode amplifier, Ceramic base

	Current Service		
Tube Type	Designation	Other Number	Class Description
T49	T49		2-volt 60 ma dial lamp (not a tube)
TD49	8401		See 8401
UE49	849		See 849
49	49		Receiving dual grid triode amplifier (similar to 1F4, 19, L16G)
49A1	49A1		Ballast tube
49 A 2	49A2		Ballast tube
49B2	49B2		Ballast tube
BL.50 BM-50	BL.50 BM-50		Magnetron, fixed tuned
CE50	CE50	NUICO	Magnetron, pulsed
EA50	VR92 (Bt.)	NU 50	Phototube
EF50 (MUL)	VR91 (Br.)		See VR92 (Br.)
EF50 (US)	VR91A (Br.)	VT-250	See VR91 (Br.)
FB50	896	V 1-230	See VR91A (Br.)
FP50	FP50		See 896 Ballast tube
GK 50	5C22		See 5C22
HD50	3030		See 3C30
HZ50	12Z3		12Z3
NU50	NU50	CE50	Phototube
QK50	5C22		See 5C22
REL50	CV95		See CV95
SR50	SR50		Vacuum phototube
TD50	7990		See 7990
TG50	TG50		Spark gap
UH50	UH50	3-50G2/UH50	Transmitting UHF triode amplifier
V-50	V-50		(nearest equivalent is 834)
,	1-50		Klystron, integral cavity, tuner, wave guide output.
50	50	585, 3871, UX250, 350 450, VT-50	Receiving triode amplifier
50A1	50A1	430, 41-30	Ballast tube
50A2	165R8		See 165R8
50A5	50A5		Receiving lock-in type tetrode
			amplifier
50AX6G	50AX6G		Full wave rectifier
50AX6GT	50AX6GT		Full wave rectifier
50B2	165R4		See 165R4
50B5	50B5	A4388	Miniature version of 50L6GT
50BK5	50BK5		Miniature beam pentode. Same as 6BK5 except IF-150mA, EF-50V, IF-150mA
50BM8	50BM8		Receiving triode pentode (Canadian)
50C5	50C5		Miniature beam power pentode
50C6G	50O6G		Receiving triode amplifier - Equiva- lent to 50L6GT (Type 6Y6G characteristics)
50CA5	50CA5		Receiving beam power pentode
50CD6G	50CD6G		Beam power amplifier (British)
50DC4	50DC4		Miniature half wave rectifier

	Current		
Tube Type	Service Designation	Other Number	Class Description
50EH5	50EH5		Miniature power pentode Receiving pentode amplifier
50L6G 50L6GT	50L6G 50L6GT		Receiving pentode amplifier
50T	50T		(Type 25L6GT characteristics) Transmitting triode amplifier
50X6 50XST	50X6 185R8		Receiving lock-in type rectifier See 185R8
50Y6GT 50Y6GT	50Y6G 50Y6GT	50Y6GT/G	See 50Y6GT; replace with 50Y6GT Receiving duodiode rectifier doubler
50Y6GT/G	50Y6GT		(similar to 50Z6G, 25Z6GT) See 50Y6GT
50Y7CT 50Z6G	50Y7GT 50Z6G		Receiving, full wave rectifier Receiving duodiode rectifier doubler
			(similar to 50Y6GT)
50Z7G	50Z7G		Receiving duodiode rectifier doubler (obsolete, similar to 50Y6GT)
BL51 CV51	BL51 CV51	E1320	TR tube Electron ray tuning indicator
			(British)
HD51 HY51A	OA2 HY51A	NU51A	See OA2 Transmitting triode amplifier
HY51B	HY51B		(Type HY51B characteristics) Transmitting triode amplifier
HY51Z	HY51Z	NU51Z	(Type HY51A characteristics) Transmitting triode amplifier (hi mu version of HY51A)
KP51	KP51		Subminiature half wave high vacuum rectifier
NU51A	HY51 A		See HY51A
NU51Z	HY51Z		See HY51Z Packaged magnetron. Fixed tuned
QK51 REL51	QK51 REL51		RF measuring lamp (Canadian)
RK51	RK51	4C	Transmitting triode amplifier (discontinued; see 4C22/HF100)
SR51	SR51		Vacuum phototube
TD51 UH51	8291 UH 51	3-50M2/UH51	See 8291 Transmitting triode amplifier
V-51	V-51	.3-30W2/ UN31	Klystron, integral cavity
51	51	35/51, 551	Obsolete, nearest equivalent is 35
51A	51 A	30, 22, 233	Phototube
51A3	927	•	See 927
51 A V	51AV		Phototube
51LEP	51LEP		Cathode ray, 5 inch, 1 gun
518	358/518	250	See 35S/51S
51SA	51SA	35S	Phototube See 5DNP
51TCP7 51UCP	5DNP 51UCP	,	Cathode ray tube, 5 inch, single beam
BL52	BL52		ATR tube
CE52	CE52		Phototube vacuum
HD52	OB2		See OB2

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	Current		
	Service		Cl
Tube Type	Designation	Other Number	Class Description
DET CO	070 X		See 878 A
REL52	878 Å	NU 15 17	_
RK52	RK52	NU51Z	Transmitting triode amplifier oscil-
			lator (discontinued)
SRY-52	SRX-52		Klystron
TE52	6889		See 6889
U52	VU71 (Br.)		See VU71 (Br.)
V-52	V-52		Klystron
V-52-1	V-52-1		Klystron
V-52-1A	7470		See 7470
V-52-2	V-52-2		Klystron
VT52 (Br.)	VT52 (Br.)	EL32, 10E/11398, 1637	Transmitting pentode (British);
			see 38142
52	52		Receiving dual grid triode amplifier.
			Obsolete (similar to 6A4/LA)
52.8	60.8		See 60.8
52A3	1P35		See 1P35
52HAP	52HAP	5AVP7	Cathode ray tube, 5 inch, two beams
52HUP1	52HUP1		Cathode ray tube, 5 inch, two beams
52N	52N		Beta-Gama counter tube
52REP	52REP		Cathode ray tube, 5 inch, two beams
CE53	CE53		Phototube
KP53	KP53		Subminiature twin diode detector
KU53	7178		See 7178
MXT53	MXT53	MA358, BL970	Dual TR tube
REL53	REL53	MRC001M	Transmitting UHF oscillator
TIBEOU	11000	III. 1000 IIII	(Canadian)
RK53	53		See 53
SR53	SR53		Vacuum phototube
V-53B	V-53B		Reflex klystrom oscillator
VR53 (Br.)	VR53 (Br.)	ARP3/ FF30 INF/11300	Screened pentode (British)
VX53	VX53	1111 54, 21 55, 102, 11555	Subminiature pentode
53	53	RK53	Receiving twin triode amplifier
33	33	11135	(Type 6A6, 6N7, characteristics)
53A	53Å	3-50J4/53Å	UHF triode oscillator
53AB	53AB	3-3034/33A	Phototube
53ABB	53ABB		Phototube
53AWB	927		See 927
	53B		Transmitting special purpose
53B BL54	6629		See 6629
	CE54		Phototube
CE54			See 5740
FP54	5740	CVAO ACOE	
HK54	HK54	CV49, 4C25	Transmitting triode amplifier
MILE A	IZI IE A		(nearest equivalent is 35TG)
KU54	KU54		Similar to 5948 but without base
L54	L54		Small signal amplifier
M54	M54		Receiving tetrode power amplifier
SRU-54	SRU-54		Reflex klystron, power output 100 mw
T54P2	5BHP2		See 5BHP2
TD54	7991		See 7991
TE54	6900		See 6900

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	Current Service		
Tube Type	Designation	Other Number	Class Description
V-54	V-54		Reflex klystron oscillator
VR54 (Br.)	VR54 (Br.)	ARD05, EB34, 10/E11400, 1638	Double diode (British)
54-8H	54-8H	2507	Cathode ray tube
54-11T	5LPI, 2, 4, 5		See 5LP
54B	4C26		See 4C26
54NCP11	54NCP11		Cathode ray tube, 5 inch, 4 beams
BL55	6630		See 6630
CE55	CE55	E1100	Phototube Transmitting UHF triode oscillator
CV55	CV55	E1190	(British)
D-55-H	D-55-H		Ballast tube
EC55	EC55		UHF triode
K55B	K55B		Ballast tube See 185R4
K55C	185R4		Ballast tube
K55H	K55H L55		Small signal amplifier
L55	L55B		Ballast tube
L55B REL55	CV108		See CV108
SRU-55	SRU55		Klystron oscillator
SRU-55Å	SRU-55A		Improved ruggedized SRU-55
T-55	T55		Transmitting triode amplifier
TD55	8290		See 8290
TZ55	TZ55		Discontinued
V-55	V-55		Reflex klystron oscillator
VR-55 (Br.)	VR-55 (Br.)	NR48, AR21, EBC33, 1639, 10E/11401	Double diode triode (British)
55	55		Receiving duodiode triode. Obsolete (Type 85 characteristics)
55Å1	55Al		Ballast tube
55A2	55A2		Ballast tube
55B2	55B2		Ballast tube
55JGP2A	55JGP2A		Cathode ray tube, 5 inch, 5 beams
55N3	55N3		Miniature half wave rectifier- (Canadian)
55S	55S		Receiving duodiode triode
BL56	6649	-	See 6649
CE56	CE56	Flore SDUD Flore	Phototube Transmitting UHF oscillator
CV56	CV56	E1326, 3DHP, E1325, REL3DX	(British)
MDS56	MDS56		Spark gap tube
REL56	CV114	TIVEO	See CV114 Transmitting tetrode amplifier
RK56	RK56	HY60	(discontinued)
SRK-56	SRK-56		Klystron
TD56	8286		See 8286 See 6315
V-56	6315 6315		See 6315
V-56/6315 VR56 (Bt.)	6315 VR56 (Br.)	NR49, EF36, 10E/11402	
41100 (DI.)	11:00 (DI+)	11.130 21.00 102/11702	Famous /

Tube Type	Current Service Designation	Other Number	Class Description
XD56	XD56	F7779	High vacuum rectifier, forced air cooled
56	56	456, VT-56	Receiving triode detector amplifier (similar to 76, 27)
56A 56AS BL57 CE57 FG57 HD57 HK57 HY57 REL57	56A 56AS 6635 CE57 FG57 5516 HK57 HY57 CV117	1257, 5559, 5559/FG57	Type 76, except for filament current Type 56A with spray shield See 6635 Phototube Mercury vapor thyratron See 5516 Transmitting pentode Transmitting triode amplifier See CV117
RK57 SRK-57 V-57 VR57 VR-57 (Br.) 57	805 SRK-57 V-57 VR57 6D8 57	57S, VT-57	See 805 Klystron Klystron Corona voltage regulator See 6D8 (obsolete) Receiving triple grid pentode amplifier (similar to 58)
57A	57 A		Receiving triple grid pentode ampli- fier. Nearest equivalent is 77. Sim- ilar to 6C6 except for filament
57AS 57S BL58 CE58 CV58 MT58 RK58 SR58 TD58 V-58	57AS 57 BL58 CE58 CV58 8019 838 SR58 8293 V-58	RE147, E1273	Receiving triple grid pentode amplifier See 57 Shutter tube, gas switching Phototube, gas filled, red sensitive UHF diode detector (British) See 80 19 See 838 Phototube See 8293 Reflex klystron oscillator
58 58A3 58A3 58A5 58AV 58AWB 58AWVB 58D 58S BL59 CE59 HD59 QK59	58 58 A 1P36 58 AL 58 AS 58 AV 58 AWB 58 AWVB 58 D 58 BL59 CE59 2E30 QK59	58S, VT-58	Receiving pentode amplifier (similar to 57) Phototube. Obsolete. See 1P36 Phototube Type 58A with spray shield- Phototube Gas phototube Phototube Phototube See 58 TR tube Phototube See 2E30 Tunable packaged magnetron. Replace with 4J62

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	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
RK59	RK59		Transmitting twin triode amplifier oscillator-ceramic base
V-59	V-59		Klystron
VR59 (Br.)	955		See 955
59	59		Receiving pentode amplifier
59A	59 A		Phototube. Obsolete. Use 868
59A4	868		See 868
59AP	59AP	1RBS	Phototube
59AR	59AR		Phototube Phototube
5 9 AV	PJ22		See PJ22
59AV 3	PJ22		See PJ22
59B	59B		Receiving power amplifier pentode
59 D	928		See 928
59DV1/2	59DV1/2	GL441	Vacuum phototube
59TAV3	59TAV3	917	Vacuum phototube
BL60	6640		See 6640
CE60	CE60	917	Phototube
EL60B	EL60B		Diode gas rectifier
F60	4B26		See 4B26
HF-60	HF60		Transmitting triode amplifier oscillator
HY 6 0	HY60	R K56	Transmitting tetrode amplifier
L 60 B	L 6 0B		Ballast tube
NU60	NU60		Transmitting triode amplifier oscillator
QK60	QK60		Tunable packaged magnetron. Replace with 4J62
RK 6 0	1641.		See 1641
SAS-60A	SAS-60A		Klystron cw amplifier, improved version 2K35
SAS-60B	SAS-60B		Klystron. Pulsed version of SAS-60A
SK60	SK60		Gas phototube
TE60	TE60		Klystron, integral cavity
V60/XC	V60/XC		Klystron
VT60 (Br.)	8018		See 80 18
VT60A (Br.)	807		See 807
60.8	60.8		Gas rectifier
60 A3	920		See 920
BL61	6455 CL 441		See 6455
CE61A/B HY61	GL441 807		See GL441 See 807
HY61/807	807		See 807
K-61-A	607 K-61-A		Ballast tube
K-61-B	K-61-B		Ballast tube
QK61	OK61		Tunable packaged magnetron.
4	4		Replace with 4J63
RK61	RK61	QF6	Thyratron, subminiature
SAS-61	SAS-61	-	Klystron, pulsed, 10KW, tunable
SK61	SK61		Phototube

Current Service		
Designation	Other Number	Class Description
TD61 V61 VT61A (Br.) 930 STX297 929 6378 FP62 QK62	10E/142	Gas diode Klystron Double triode (British) See 930 See STX297 See 929 See 6378 Triode pressure indicating tube Tunable packaged magnetron. Replace with 4J63
RK62 SAS-62 SK62 7992 V-62 VA62B		Obsolete. Use RK61 Klystron Phototube See 7992 Klystron Klystron amplifier, two resonator type
801A 8019 BL63 6Q7G HY63 6F6G 6J5G 250TH 250TH SAS-63 SK63 V-63		See 801A See 8019 Dual ATR tube See 6Q7G Transmitting tetrode amplifier See 6F6G See 6J5G See 250TH See 250TH Pulsed klystron Gas phototube Klystron oscillator, two resonator type.
BL64 CV64	E1342	Shutter tube, has switching Transmitting UHF oscillator (British) Receiving tetrode voltage amplifier
RK64 SRC-64D-1 VA-64 VA-64A VA64B VA-64C 8230 64AV3 BL65 CR65 CV65 65 QK65 QK65	Pen. 25	Transmitting pentode amplifier. Obsolete. Similar to RK66 CW reflex oscillator klystron Klystron Klystron Klystron Klystron See 8230 Vacuum phototube Shutter tube, has switching Thyratron Receiving pentode (British) See 65 Packaged magnetron Packaged magnetron Traveling wave tube amplifier
	Service Designation TD61 V61 V761A (Br.) 930 STX297 929 6378 FP62 QK62 RK62 SAS-62 SK62 7992 V-62 VA62B 801A 8019 BL63 6Q7G HY63 6F6G 6J5G 250TH 250TH SAS-63 SK63 V-63 BL64 CV64 M64 RK64 SRC-64D-1 VA-64 VA-64A VA-64A VA-64C 8230 64AV3 BL65 CR65 CV65 65 QK65	Service Designation Other Number

	Current Service		,
Tube Type	Designation	Other Number	Class Description
VA-65 VA65B 65	VA-65 VA-65B 65	HY65	Klystron Klystron Transmitting tetrode amplifier oscillator-multiplier (obsolete;
65C7 65Z7 BL66 CV66 RK66 VA-66 BL67	65C7 65Z7 BL66 CV66 RK66 VA-66 6650	RN3 7 , R L 3 7 NU69	similar to 2E25) Receiving tube Receiving tube Shutter tube, has switching UHF amplifier (British) Transmitting tetrode amplifier Klystron See 6650
CV67 FG67 HY67	CV67 FG67 HY67	1267	Klystron (British) Thyratron Transmitting tetrode amplifier oscillator multiplier
K67BJ L67D2 STC-67 TD67 VA-67 VA67B VR67 (Br.)	K67BJ L67D2 STC-67 8288 VA-67 VA67B 6J5G		Ballast tube Ballast tube Traveling wave tube See 8288 Klystron Klystron See 6J5G
VT67 BL68 British NR68 CE68 SAC-68 SK68	VT67 6393 6Q7G CE68 SAC-68 SK68	30Spec	Receiving and transmitting triode amplifier See 6393 See 6Q7G Gas phototube Klystron Phototube
VS68 BL69 BL69-S HD69	VS68 BL69 BL69-S 5514	AW4, 10E/11449	Gas filled voltage regulator (British) ATR tube ATR tube See 5514
HY69	HY69	NU69	Transmitting tetrode amplifier oscillator multiplier
NU69 QK69 RK-69 TK69 69 BL70-S CK70 DT-70 QK70 TR70 TS70	RK66 QK69 RK-69 6584/TK69 69 BL70 BL70-S RK20A 2E22 QK70 2E22		(See HY1269) See RK66 Tunable packaged magnetron Transmitting beam power amplifier See 6584/TK69 Receiving dual grid detector ATR tube ATR tube See RK20A See 2E22 Tunable packaged magnetron See 2E22 See 2E22

Tube Type	Current Service Designation	Other Number	Class Description
1000 1700	Designation	Other Rumber	Ciass Description
V70	V 7 0		Transmitting triode amplifier
V70 A	V70A		Transmitting triode amplifier
V70B	V 70 B		Transmitting triode amplifier
			(Type V70 ratings)
V70C	V 7 0C		Transmitting triode amplifier (Type V70A ratings)
V70 D	V70 D		Transmitting triode amplifier
70	70		Receiving dual grid detector (obsolete)
70A7GT	70A 7 GT		Receiving diode rectifier pentode amplifier. Obsolete
70L7GT	70L7GT		Receiving diode rectifier pentode
7 0N	5941		amplifier See 5941
7 0NB	5942		See 5942
BL71	6564		See 6564
CV71	CV71	OSGLIM	Voltage regulator (British)
KU71	7782		See 7782
QK71	QK71		Tunable packaged magnetron
RKR71	6D21		See 6D21
V-71	V-71		CW klystron
VU71 (Br.) 71	VU71 (Br.)	U52, 10E/11529	Type 5U4G as made in Canada
71 71A	71 71A	271	Superseded by 71A
718	/IN	71B, 171, 17A, 4171, CX371A	Receiving triode amplifier (similar to 12A). Obsolete. Use 01A
71A3	1P30	11/1/01/07/11	See 1P30
71AV	71AV		Vacuum phototube
71B	71A		See 71A
71D	7 1D		Vacuum phototube
71TA	71TA		Phototube
71TCP19	7BMP		See 7BMP
71WHP7 BL72	7ATB7 BL72		See 7ATP7
CE72	72		ATR tube
EP72M	7616/EP72M		See 72 See 7616/EP72M
KU72	7665/KU72		See 7665/KU72
QK72	QK72		Tunable packaged magnetron
RK72	72		See 72
RKR72	72		See 72
TD72	8059		See 8059 ·
72	72	CE220, RKR72, CE72, 72R, RK72	High voltage diode vacuum rectifier (obsolete; replace with 3B24)
72R	72		See 72
72RAP7	72RAP7		Cathode ray tube, 7 inch, 2 guns
BL73	B L7 3		ATR tube
CE-73WB-Q	CE-73WB-Q		Phototube
CE73WB-S4	CE-73WB-S4		Phototube
EP73 QK73	EP73 QK73		Radiation counter tube, gamma
RK73	73		Tunable packaged magnetron See 73
	10		DEE 13

5 November 1703			,
Tube Type	Current Service Designation	Other Number	Class Description
RKR73 STC-73 73 73A	73 STC-73 73 73A	RK73, RKR73, 73R	See 73 Traveling wave tube Diode rectifier Type 73 with uni-potential cathode. Obsolete. Use 73
73D 73R BL74 CV74 EP74 M74	73D 73 BL74 CV74 EP74 M74	XP, POVT178	Phototube See 73 ATR tube High voltage rectifier (British) Radiation counter tube, Beta Gamma Receiving tetrode voltage amplifier
NR74 QK74	NR74 QK74	W1301	See VT127 (Br.), same except for basing Packaged magnetron, cw
QK74A STL-74 BL75 CE75V	QK74A STL-74 BL75 CE75V	XR711	Magnetron (superseded by QK155) CW klystron ATR tube Phototube
CV75 GL75-30 HF75	CV75 OA3 HF75	4313C OA3, VR75-30	Cold cathode relay tube (British) See OA3 Transmitting triode amplifier oscillator
HY 7 5	HY75	NU75H	Transmitting VHF triode amplifier oscillator
HY-75A NU75H	HY-75A NU75H		Improved version of HY75 Transmitting triode amplifier oscillator
QK75	QK75		Packaged magnetron, CW, Superseded by QK259
RK75 STS75 TD75 TW75	307A STS75 8402 TW75		See 307A Traveling wave tube See 8402 Transmitting triode amplifier
VR75-30 75 75A 75AV 75D	OA3 75 75A 75AV 75D	GL75-30, VT-260 VT-75	See OA3 Receiving duodiode triode Phototube Phototube Phototube See 5887
75N 75NB3 75RH	5887 75NB3 75TH		Radiation counter tube See 75TH Receiving duodiced trieds

75RH, 3-75A3/75TH

3-75A2/75TL

75S

75T

75TH

75TL

BL76

CE76

8378

STX76

75S

75T

75TH

75TL

BL76

CE76

EP76

STX76

Receiving duodiode triode

by 75TL)

ATR

See 8378

Transmitting triode

Traveling wave tube

Transmitting triode (superseded

Phototube (CE36 with S4 surface)

Transmitting triode (low mu)

	Current Service		
Tube Type	Designation	Other Number	Class Description
TD76 VT76 (Br.) 76	7993 TZ40 7 6	VT-76	See 7993 See TZ40 Receiving triode detector amplifier
76X13 BL77 TD77 QK77 STX-77	76X13 BL77 8292 QK77 STX-77	VT-77	(similar to 56, 37, 6P5G) Diode gas rectifier. Similar to 5B21 ATR tube See 8292 Packaged magnetron, CW Traveling wave tube Receiving triple grid pentode amplifier (page 15 to 15 t
BL78 British NR78A C78 QK78 VR78 (Br.)	BL78 6J5G C78 QK78 VT78 (Br.)	QF196, D1, ARD2, 10E/1540, 10E/11540,	fier (nearest equivalent is 6C6) Dual TR tube See 6J5G Receiving Tunable packaged magnetron See VT78 (Br.)
VR78 (Br.) 78	VT78 (Br.) 78	2B36 VR78 (Br.) VT-78	Receiving midget UHF diode detector Receiving pentode amplifier (nearest equivalent is 6D6)
BL79 79	B L7 9 79		TR tube Receiving twin triode amplifier (type 6Y7G characteristics)
79A 79A4 79D BL80 DC80 EC80 K80B L80D PG80	CE3A/B 1P31 79D BL80 DC80 6Q4 K80B L80D PG80		See CE3A/B See 1P31 Phototube TR tube Miniature triode See 6Q4 Ballast tube Ballast tube. Obsolete Phototube, smoke indicator. Obsolete.
SOC-80 V80B VA-80B VA-80C X80 80	SOC-80 V80B VA-80B VA-80C 6303 80	UX290, RE1, 13, 13B,	Use 1P30 Klystron, CW Klystron Klystron, CW Klystron See 6303 Receiving duodiode rectifier.(similar
		180, UV213, UX213, 213, WT270, UX280, 280, CX313, 313, 480, 3841, VT-80, 313B	to 5Y3G, 5Z3)
80A1 80A2 80B2 80M BL81 British NR81	80A1 80A2 80B2 80M 6643 6K7G	22.14 . 1 . 204 . 21.20	Ballast tube Ballast tube Ballast tube Receiving duodiode rectifier See 6643 See 6K70

Tube Type	Current Service Designation	Other Number	Class Description
CE81 EC81 EM81 EZ81 FG81A QK81 QK81A SAL-81 TE81	CE81 EC81 6DA5 6CA4 FG81A QK81 QK81A SAL81 7757	2935A, 81/81A,16, UV216, UX216B, UX281, 316, 481, RE2, 2935A	Phototube, gas filled Miniature oscillator triode See 6DA5 See CA4 Thyratron Packaged magnetron, CW Packaged magnetron Klystron, pulsed, tunable See 7757 Receiving diode rectifier
81/81A 81A 81M BL82 CV82	81 81A 81M BL82 CV82	REL48	See 81 Thyratron Receiving diode rectifier TR tube Receiving triode HF oscillator
ECC82 KU82 R82A SAC-82 V-82 82 82AV4 BL83 CE83 EBF83 ECH83 SAL-83 V-83 V-83	ECC82/12AU7 7583 R82A SAC-82 V-82 82 919 BL83 CE83 6DR8 6DS8 SAL-83 V-83 V-83B V-83C	AF, 482	(British) Similar to 12AU7 See 7583 Phototube Klystron Pulse amplifier klystron Receiving duodiode gas rectifier See 919 ATR tube Phototube (CE3 with blue sensitivity) See 6DR8 See 6DS8 CW klystron Pulse klystron Klystron Klystron
83 83V BL84 ECC84 EL84 EM84 G84 SRC-84 V-84 84 84/6Z4	83 83V BL84 6CWL 6BQ5 6FG6 2Z2/G84 SRC-84 V-84 8416Z4 84/6Z4	VT-83, AG 6Z4, 84, 98, KR28, VT-84	Receiving duodiode gas rectifier Receiving duodiode rectifier (nearest equivalent is 5U4G) Dual TR tube See 6CW7 See 5BQ5 See 6FG6 See 2Z2/G84 Klystron Klystron See 84/6Z4 Receiving duodiode rectifier See 923 TR tube
CV85	CV85	1923F, REL38A	Spark gap modulator (British)

	Current Service		
Tube Type	Designation	Other Number	Class Description
EF85 FP85	6BY7 FP85		See 6BY7 Triode vacuum control tube (inactive)
FP85A IBM-85 NR85	FP85A IBM-85 6F6G		Diode vacuum rectifier (inactive) Cathode ray tube, storage See 6F6G
QK85 R85A R85AV SAS-85	QK85 R85AV R85AV SAS-85		2K28 with build-in cavity Phototube. Obsolete. Use CE23A/B Phototube. Obsolete. Use CE23A/B Klystron
V-85 85	V-85 85	85S	Klystron Receiving duodiode triode (Type 6V7G characteristics)
85A2 85A4 85AS 85S	OG3/85A2 928 85AS 85		See OG3/85A2 See 928 Receiving duodiode triode See 85
BL86 EL86 QK86	6641 6CW5 QK86		See 6641 See 6CW5 Packaged magnetron
V-86 86A1 86A2	V-86 86A1 86A2 86B2		Klystron Ballast tube Ballast tube Ballast tube Ballast tube
86B2 BL87 CV37 QK87	6636 CV87 QK87	KRN2	See 6636 Velocity modulation tube (British) Packaged magnetron
V-87 V-87B V-87C	V-87 V-87B V-87C		Klystron Klystron
VA-87B VA-87C VA-87E BL88	7662/VA-87B 7663/VA-87C VA-87E BL88		See 7662/VA87B See 7663/VA87C Klystron TR tube
CV88 ECC88 QK88	CV88 6DJ8 QK88	REL49	Transmitting HF triode (British) See 6DJ8 Packaged magnetron
SAC-88 VA-88B VA-88C VT88 (Br.)	SAC-88 VA-88B VA-88C 832		Klystron Klystron Klystron See 832
88 BL89 EBF89	88 BL89 6DC8		Receiving duodiode rectifier TR tube See 6DC8
EF89 QK89 SAL89	6DA6 QK89 SAL89 89	VT-89	See 6DA6 Packaged magnetron Pulsed amplifier klystron, air cooled Receiving pentode amplifier
89 89RS	89 6 G 7	A 1 -02	(replace with 89Y) See 6G7 (Canadian)

	Current Service		·
Tube Type	Designation	Other Number	Class Description
89Y BL90 CV90 GL90-30 M90B QK90 SRX-90 V-90 VR90	89Y 6634 CV90 OB3 M90B QK90 SRX-90 V-90 OB3	E1368, REL42	Type 89 with Micanol base See 6634 Triode oscillator (British) See OB3 Ballast tube Packaged magnetron Klystron Klystron See OB3 See OB3
VR90-30 VT90 (Br.) VT90 (Br.)/8011	OB3 BT90 (Br.)/8011 VT90 (Br.)/8011	VT90 (Br.), 8011, REL1, WL538, 10E/97, 588, WE710A, 710A	See OB3 See VT90 (Br.)/8011 Transmitting UHF triode oscillator amplifier (British)
90 90N 90NB BL91 QK91 SRX-91	90 5943 5944 BL91 QK91 SRX-91 V-91		Receiving dual grid detector See 5943 See 5944 TR tube, special for coaxial system Packaged magnetron Klystron Klystron
V-91 VR91 (Br.) VR91A (Br.) 91 BL92 CV92	VR91 (Br.) VR91A (Br.) 91 BL92 CV92	EF50 (MUL), APR35, EF50 (US). 10E/287 1904, 10E/92 NT99, REL7, 8026, 4C27, CV92/4C27, E1232	Pentode amplifier (British) Sub standard VR91 (British) Thyratron Dual ATR tube
CV92/4C27 EP92A EF92 FP92 QK92 SRX-92 VA-92	CV92 7617/EP92A 6CQ6 FP92 QK92 7511/SRX-92 VA-92:	0.00 1021 21202	See CV92 See 7617/EP92A See 6CQ6 Diode vacuum rectifier (inactive) Packaged magnetron See 7511/SRX-92 Reflex klystron oscillator, 14.0 to 17.5 KMc Reflex klystron oscillator, 12.4 to 14.5 KMc
VA92C VR92 (Br.)	8467 VR92 (Br.)	QF195, EA50, 10E/105, 2B35	See 8467 Receiving midget UHF diode rectifier (British)
92 92A1 92A2 92B2 BL93 BL93A KU93 SRX-93 VA-93 BL94	92 92A1 92A2 92B2 BL93 BL93A 8275/KU93 SRX-93 VA-93 6631		Receiving dual grid detector Ballast tube Ballast tube Ballast tube TR tube TR tube See 8275/KU93 Klystron Reflex klystron oscillator See 6631

	Current Service		
Tube Type	Designation	Other Number	Class Description
PG94	PG94		Selected CE1 for Bell and Howell
SRU-94	SRU-94		Klystron
VA-94	VA-94		Reflex klystron oscillator, 16.0 to 17.0 KMc
VA-94B	6994		See 6994
VT94 (Br.)	VT94 (Br.)		Transmitting triode amplifier (British)
94-8-H	94-8-H	2512	Cathode ray tube
Ā95	A95		Phototube
BL95	6644		See 6644
BL95H	6645		See 6645
CV95	CV95	REL50	RF measuring lamp (British)
EL95	6DL5	1005 EEED EEED/ECOE	See 6DL5
FG95	FG95	1295, 5560, 5560/FG95, 10E/95	Thyratron
QK95	3B29		See 3B29
SRU-95	SRU-95		Klystron oscillator, tuṇable See 954
VR95 (Br.)	954 95		Replace with 2A5
95 BL96	6605		See 6605
VA-96	VA-96		Reflex klystron oscillator
96	96		Receiving diode rectifier
BL97	BL97		TR tube, tunable
CE97	CE97		Phototube (CE26 with blue
			sensitivity)
EF97	6ES6		See 6ES6
FG97	FG97		Thyratron
VA-97	VA-97		Reflex klystron oscillator
VA97B VCR97	VA97B VCR97		Reflex klystron oscillator ATR tube, fixed tuned
BL98	BL98		Cathode ray tube (British)
EF98	6ET6		See 6ET6
FG-98A	FG-98A		Thyratron
KR98	KR98		Receiving duodiode rectifier
NT98	NT98	E1189, UK310P, 3150,	Transmitting UHF oscillator
	·	W2510, REL3D, 315D	(British)
QK98	4B31		See 4B31
VA-98	VA-98	DET E 10E /244	Klystron
VT98 (Br.)	VT98 (Br.) 84/6Z4	REL5, 10E/244	Transmitting UHF triode (British) See 84/6Z4
98 98R	98R		Improved version of VT98 (Br.)
BL99	6638		See 6638
NT99	CV92		See CV92
QK99	QK99	•	Packaged magnetron
V 99	V99	UV199, UV299	Receiving triode (thoriated tungsten filament)-Detector amplifier (obsolete)
X99	X99	UX199, UX299	Receiving triode (coated filament) - Dector amplifier (obsolete)
99	99	CV299, CX299	Receiving triode amplifier (obsolete)

	Current		,	
	Service			
Tube Type	Designation	Other Number	Class Description	
99X44 99X45 99X46 C100A C100D C100E CV100 EE100TH HF100 ML100 NU-100V QK100 RK100 RM100 RW100 TF100 UE-100 V-100 100A 100C	99X44 99X45 99X46 C10CA C100D C100E CV100 100TH 4C22/HF100 5625 NU-100V QK100 RK100 RK100 RM100 214 4C22/HF100 UE-100 V-100 C100A BS-6 C100D	100A 100D 100E 1924, REL38B	Diode gas rectifier Diode gas rectifier Diode gas rectifier (obsolete Small transmitting triode Obsolete, convert equipment to 2A5 Transmitting triode amplifier Spark gap modulator (British) See 100TH See 4C22/HF100 See 5625 Lattice videotron Packaged magnetron Transmitting triode gaseous amplifier Jumbo miniature converter See 214 See 4C22/HF100 High vacuum trtode Klystron amplifier See C100A See BS-6 See C100D	
100E 100N 100NB 100-R 100TH	C100E 1B76 100NB 8020 100TH	VT-218, EE100TH, 3-100A4/100TH	See C100E See 1B76 Radiation counter See 8020 Transmitting triode modulator amplifier (similar to 4C22/HF100,	i
100TL 100TS Boonton 101A BS101 BS101/5962 C101 F101B	100TL VT127A Boonton 101A 5962 5962 4C22/HF100	RK36, 3-100A2/100TL	RK38 and HK254) Transmitting triode amplifier See VT127A Selected type 2A6 for Boonton Q meter. Replace with 2A6 See 5962 See 5962 See 4C22/HF100	
ML101 QK101 V-101 WE101D WE101F WE101FA WE101J	101B GL605 QK101 V-101 101D 101F 101FA 101J	F101B	See 101B See GL605 Packaged magnetron Klystron See 101D See 101F See 101FA See 101J Transmitting triode amplifier	
101D	101D	WE101D	oscillator Receiving triode modulator oscillator	
101F 101FA	101F 101FA	WE101F WE101FA	amplifier Receiving triode amplifier Receiving triode amplifier (101F with higher mu)	

	Current Service		
Tube Type	Designation	Other Number	Class Description
101H 101J	101H 101J	WE101J	Similar to 101D Receiving triode amplifier (101F with special shielding)
DX-102 ML-102A	DX102 ML-102A		High vacuum diode High vacuum diode, convection cooled
WE102D WE102F	102D 102F		See 102D See 102F
X102B X102G X102L	6G4 2C29 2C31		See 6G4 See 2C29 See 2C31
102A (Boonton)	102A (Boonton)		Selected type 45 for Boonton Q meter
102D 102F	102D 102F	WE102D WE102F	Receiving triode amplifier Receiving triode amplifier (102D with low filament current)
102G X103	102G 4D21		Replaced by 102D See 4D21
FG104 MDS104	FG104 MDS104	5561, 5561/FG104	Diode gas rectifier Spark gap tube
VT104 (Br.)	VT 104 (Br.)	10E/215, PT15	Transmitting pentode amplifier (British)
WE104D 104D	104D 104D	WE104D	See 104D Receiving triode amplifier (telephone) repeater)
DX105A DX105B	DX105A DX105B		Tunable magnetron Tunable magnetron
FG105 GL105/30	FG-105 OC3	105	Thyratron See OC3
KP105 M105-10 M105-14AD	KP105 M105-10 M105-14AD		Subminiature uhf diode Corona voltage regulator Corona voltage regulator
RM-105 VR105-30	RM-105 OC3	VT-200	Subminiature RF power mixer See OC3
105 RM-106 106C	FG105 RM-106 106C		See FG105 Attenuating switching tube Beta-Gamma counter tube
DX-107 CK108	DX-107 CK108		Tunable pulse magnetron Receiving low noise triple grid
CV108	CV108	REL55	detector amplifier; replace with 77 Transmitting UHF oscillator (British). Similar to 2J21A
QK108 RM108	QK 108 RM108		Packaged magnetron Twin diode
108 108C	108 108C		Gamma-Beta counter tube Beta-Gamma counter tube
F110X	F110X		Transmitting triode amplifier oscillator (supersedes F110A)
FT-110 R110	FT-110 R110		Photo-flash tube Therapy type

	Current		
Tube Type	Service Designation	Other Number	Class Description
STS-110 V-110 V-110A 110X QK111 SMC-111 STL-111 VU111 X111AD X111B	STS-110 V-110 7471/V110A 100X QK111 SMC-111 STL-111 VU111 8C23 8C22	AU5, 10E/146	Traveling wave tube Klystron See 7471/V110A Receiving triode amplifier. Obsolete Klystron (replace with QK202) Klystron Traveling wave amplifier Diode rectifier (British) See 8C23 See 8C22
111A 111H	111A 111H		Current regulator. Obsolete Therapy type triode oscillator amplifier
STL-112 UX112A 112A CK113	STL-112 12A/112A 12A/112A CK113		Traveling wave tube See 12A/112A See 12A/112A Receiving diode rectifier, pentode amplifier
HY113 HY113/HY123	HY113/HY123 HY113/HY123	HY113, HY123	See HY113/HY123 Miniature receiving triode amplifier oscillator
QK113 STS-113 VA-113	QK113 STS-113 VA-113		Packaged magnetron Traveling wave tube Reflex klystron
CV114 HY114	CV114 2C24	REL56, E1365, 1365	ATR tube (British) See 2C24
HY114B NU114B STL114 VA-114	114B 114B STL114 VA-114	VT-234	See 114B See 114B Traveling wave amplifier, L band Reflex klystron
VT114 (Br.)	VT114 (Br.)	537, 10E/168, E1024, CV1114	Transmitting tetrode amplifier (British)
WE114A 114A 114B HY115/HY145	WE114A 114B 114B HY115/HY145	114A, HY114B, NU114B	Ballast tube See 114B Transmitting and receiving UHF Receiving unbased miniature type
VA-115 A116 F116A	VA-115 2J42 F116A		pentode amplifier Reflex klystron See 2J42 Transmitting triode amplifier
RM116A	RM116A		oscillator Subminiature triode
VA-116 CV117 QK117A	VA-116 CV117 QK117A	REL57, E1415	Reflex klystron ATR tube (British) Packaged magnetron
VR117 (Br.) WE117A	VR117 (Br.) 117A 5D22	10E/1 76	Receiving triode amplifier (British) See 117A See 5D22, 4-250A
X117 117A 117 L7GT	117A 117L7/M7GT	WE117A	Ballast tube See 117L7/M7GT

	Current Service		
Tube Type	Designation	Other Number	Class Description
117L7/M7GT 117M7GT 117N7GT	117L7/M7GT 117L7/M7GT 117N7GT	117L7GT, 117M7GT	Receiving diode rectifier pentode See 117L7/M7GT Receiving diode rectifier pentode amplifier. Similar to 117P7GT except for basing
117P7GT	117P7GT		Receiving diode rectifier pentode amplifier. Similar to 117N7GT except for basing
117Z3	117Z3		Miniature type diode rectifier
117Z4GT	117Z4GT		Receiving diode rectifier
117Z6G	117Z6GT	117760	See 117Z6GT
117Z6GT	117Z6GT	117Z6G	Receiving duodiode rectifier doubler
117Z6GT/G F118B	117Z6GT F118B		Receiving duodiode rectifier doubler Transmitting triode amplifier oscillator
F119A	F119A		Obsolete-Superseded by F127A which is not interchangeable
119A	119A		Ballast tube. Obsolete
C120	120		See 120
CEP120	120		See 120
HF120	HF120		Transmitting triode (similar to 311CT, 38111A)
L120 RX120	L120 RX120		Traveling wave tube Special purpose diode gas rectifier. Obsolete. Use RX120A
RX120A	RX120A		Gas rectifier. Similar to 5B21
SOS-120	SOS-120		Oscillator klystron
UX120	20		Superseded by 20 (both obsolete)
ZB120	120	2C21 ZB120 C120	See 120
120	120	3C21, ZB120, C120, CEP120	Transmitting triode
120-A 120C	120A 1B77		Ballast tube See 1B77
120C 120N	120N		Beta-Gamma counter tube
120NB	120NB		Counter tube
A121	2J41		See 2J41
BL121	BL121		Spark gap voltage control
CV121	CV121	V1920	High voltage rectifier (British)
F121A	F121A		Transmitting triode amplifier oscillator
VA-121B	VA-121B		Traveling wave tube, S band
WE121A	121A		See 121A
121A	121A	WE121A	Ballast tube. Replace with 121B
121B	121B		Ballast tube
DX-122	DX-122		Fixed frequency, CW klystron
F122A	F122A		Transmitting triode. Obsolete
122A DX-123	122 A DX-123		Ballast tube Fixed frequency, CW klystron
F123A	F123A		Transmitting triode amplifier
. 12011	. 12011		oscillator (obsolete)

	Current Service		
Tube Type	Designation	Other Number	Class Description
HY123 123A A124 DX-124 F124A	HY113/HY123 123A 2J64 DX-124 F124A		See HY113/HY123 Ballast tube See 2J64 Fixed frequency, CW klystron Transmitting triode amplifier oscillator-Water cooled
F124R T124 VX124 124 124A 124R CV125 DX-125	124R T124 5800 24A 24A 124R CV125 DX-125	F124R 2027, REL38C	See 124R Therapy HF triode See 5800 See 24A Superseded by 24A; see 24A Transmitting triode Spark gap modulator (British) Tunable magnetron, modified 5780, superseded by 5780
F125A F125R FT125 HF125 HY125/HY155	125A F125R FT125 HF125 HY125/HY155	203H HY155	See 125A Transmitting triode modulator Strobotron Transmitting triode Receiving unbased miniature type pentode amplifier
T125	T125		Transmitting triode amplifier (similar to FV20)
VA125B VA125C 125A A-126 F126A	VA125B VA125C 125A A-126 F126A	F125A	Traveling wave tube Traveling wave tube Transmitting triode (Water cooled) Magnetron Transmitting triode amplifier oscillator. Water cooled (obsolete). Similar to F343A
QK126 X126H 126 F-127A	QK126 6C23 26 F127A		Packaged magnetron See 6C23 See 26 Transmitting triode amplifier oscillator
VT127A	VT127A	100TS, WL534, 534, 3-100D2/VT127A	Transmitting triode UHF oscillator
VT127 (Br.)	VT127 (BR.)	10E/231	Receiving and transmitting tetrode amplifier (British)
127 127A F-128A	27 127A F128A		See 27 Replaced by VT127A Transmitting triode amplifier oscillator (obsolete)
VA128 VGT128 (Br.) 128A CV129 F129B F129R QK129	8232 VGT128 (Br.) 2522N1 CV129 129B F129R QK129	NGT2/10E15 REL44, KRN2A	See 8232 Gas filled triode (British) See 2522N1 Receiving UHF oscillator (British) See 129B See 129R Packaged magnetron

	Current Service		
Tube Type	Designation	Other Number	Class Description
X129D 129B	3C26 129B	F129B	See 3C26 Triode RF power amplifier (water
			cooled)
129R HF130	129R HF130	F129R	Forced air cooled version of F129B Transmitting triode amplifier oscillator
L-130	L-130		Water cooled planar triode
STP-130	STP-130		Traveling wave tube, 240 to 510 Mc.
VXR-130	VXR-130		Voltage regulator, subminiature
130	30 * 136		See 30 See A-136
A-131 CV131	A-136 CV131	VX131	Variable mu RF pentode
F131A	F131A	VA131	Transmitting triode amplifier oscil-
1 151A	IIJIA		lator (obsolete) (Water cooled)
F131R	F131R		Transmitting triode amplifier oscillator (obsolete)
L-131	L-131		Transmitting tetrode, planar
QK131	QK 131		Packaged magnetron
VX131	CV131		See CV131
A-132	A-132	Winn	Tunable CW magnetron
CV132	CV132	VX132	Miniature type hexode mixer (British)
F132A	₹1 32A		Transmitting triode audio amplifier
PG132	CE203		See CE203
VX132	CV132		See CV132
A-133	A-133		Tunable CW magnetron
CV133	CV133	VX133	Transmitting and receiving miniature type. HF triode (British)
QK 133	QK 133	11000 100 (011	Packaged magnetron
VO133	VO133	V960, 10E/211	Diode rectifier (British)
VX133	CV133		See CV133
F134 QK134	F134 QK134		Transmitting triode (water cooled) Packaged magnetron
QL134	2C48		See 2C48
A-135	A-135		CW magnetron, tunable
A-136	A-136	A-131	Packaged magnetron. Replaced by A1007
A-136M	A136M		Packaged magnetron
CV136	CV136	VX136	Miniature type pentode amplifier (British)
TR136	6619		See 6619
VX136	CV136		See CV136
BL137 CV137	BL137 CV137	VX137	Spark gap voltage control tube Miniature type diode triode (British)
VX137	CV137 CV137	AVIO	See CV137
A-139	A-139		Tunable magnetron
VCR139A	1810P1		See 1810P1
CV140	CV140	VX140	Miniature type duodiode rectifier (British)
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	Current		,
	Service		
Tube Type	Designation	Other Number	Class Description
HF140	HF140	211D	Transmitting triode (similar to 311T, HF120, and Commercial 211)
QK140	QK 140		Reflex klystron
VCR140	9GP7		See 9GP7
VX140	CV140		See CV140
140KB	140R4		See 140R4
140R	140R		Ballast tube
140R4	140R4	140KB	Ballast tube
140R8	140R8	110112	Ballast tube
QK-141	QK 141		Microwave oscillator, Klystron
BL142	BL142		Protective gas device
QK 142	QK142		Reflex klystron
QK142 QK143	QK143		Klystron
143D	2X2/879		See 2X2/879
	2C24		See 2C24
HY144	QK144		
QK144	=		Packaged magnetron
QK144A	QK144A		Packaged magnetron Packaged magnetron
QK144B	QK144B		
QK144C	QK 144C		Packaged magnetron
HY145	HY115/HY145	VT 201	See HY115/HY145
HY145ZT	2E28	VT-281	See 2E28
145N100	145N100	C73920	Cathode ray tube, mapping light source
A-146	A-146		Wide band microwave noise generator, argon gas
BL146	BL146		Special protective gas device
GL146	GL146	GL146 (FP)	Transmitting triode amplifier
GL146 (FP)	GL146		Transmitting triode amplifier
146	846		See 846
A-147	A-147		Wide band microwave noise generator, argon gas
BL147	BL147		Special protective gas device
QK147	QK 147		Packaged magnetron
X-147	X-147		Receiving double tetrode
147SH	5J2 6		See 5J26
A-148	A-148		Wide band microwave noise generator, argon gas
A-149	A-149		Wide band microwave noise generator, argon gas
EP150	EP150		Phototube (replace with PJ22)
GL150/30	OD3		See OD3
HF150	HF150	211H	Transmitting triode amplifier oscillator (similar to 311CH)
M150T	M150T		Therapy type HF triode amplifier oscillator
P150	P150		Therapy (nearest equivalent. 4C22/HF100)
SOC-150	SOC-150		Klystron oscillator, very rugged, air cooled
TW150	TW150		Transmitting triode amplifier

	Current Service		
Tube Type	Designation	Other Number	Class Description
VC150 VR-150 VR150-30 150C 150M 150N 150NA 150P 150T QK151	CV150 OD3 OD3 1B78 1B79 5979 5979 150P 150T KQ151	VT-139	British See OD3 See OD3 See IB78 See 1B79 See 5979 See 5979 Transmitting pentode amplifier Transmitting triode amplifier Packaged magnetron
V-151 151N 151NA GL152 GL152 (FP)	6316 5980 5980 GL152 GL152	GL152 (FP), P0016B	See 6316 See 5980 See 5980 Transmitting triode amplifier See GL152
V-152 152R 152RA 152TH	V-152 152R 152RA 152TH	2-150A/152R 2-150D/152RA 3-150A3/152TH	Reflex klystron oscillator Transmitting diode vacuum rectifier Transmitting diode vacuum rectifier Transmitting triode amplifier (twin type 75TH)
152TL DT 153	152TL 1U4	HK252L, 3-150A2/152TL	Transmitting triode amplifier (twin type 75TL) See 1U4
QK 153. V- 153 V'. 153	QK-153 6315 VT153	1664, 12C8-K9, 12C8Y, 12C8 Special	Klystron See 6315 12C8 with shell directly connected to #1 pin
FG154 HK154 V-154 154	FG154 HK154 V-154 HK154	154	Thyratron Transmitting triode amplifier Reflex klystron oscillator See HK 154
154-165 154-175 154-265 HY155 QK155 T155	154-165 154-175 154-265 HY125/HY155 QK155 T155	T533P2, K2046P2 T543P2, K2017P2 T503P2	Cathode ray tube (Tektronix) Cathode ray tube (Tektronix) Cathode ray tube (Tektronix) See HY125/HY155 Magnetron Transmitting triode amplifier (obsolete)
V-155 V-156 FG157 SAC157 VA-157 HK158 SAC158	V-155 V-156 FG157 SAC157 VA-157 HK 158 SAC158		Reflex klystron oscillator Reflex klystron oscillator Thryratron (obsolete) Klystron amplifier Reflex klystron Transmitting triode amplifier
VT158 GL159 QK159 QMG159 VT160 (Br.)	VT158 GL159 6043 1005 VT160 (Br.)	3092, WX3092 6D6	Klystron amplifier Transmitting UHF triode Transmitting triode amplifier See 6043 See 1005 Receiving pentode amplifier

	Current Service		
Tube Type	Designation	Other Number	Class Description
VA161 VT161 (Br.) VT162 (Br.) FP163 VT163 (Br.) FP164 X-164 HY165	VA161 VT161 (Br.) VT162 (Br.) FP163 VT163 (Br.) FP164 X-164 HY165	6C6 6B7	Backward wave oscillator Receiving pentode amplifier Receiving duodiode pentode Timing tube (inactive) Receiving pentode amplifier Rectifier filament timing control Packaged magentron Unbased hearing aid pentode amplifier
165KB 165KC 165R 165R4 165R8 FG166 X-168 GL169 QK169 QK171 QK171A QK171B UX171 UX171A	165R4 165R8 165R 165R4 165R8 FG166 5928 GL169 QK169 QK171 QK171A QK171B UX171 UX171A	K49B, 50B2, 165KB K49C, 165KC, 50A2 2252, WL786	See 165R4 See 165R8 Ballast tube Ballast tube Ballast tube Thyratron See 5928 Transmitting triode amplifier Packaged magnetron Packaged magnetron Packaged magnetron Packaged magnetron Superseded by 71A; see 71A Superseded by 71A; see 71A
PL175A FG172 PL172 QK172 QK173 QK174 QK174B HF175	71A 71A FG172 8295/PL172 6959 QK173 QK174 QK174A QK174B HF175	1672	See 71A Thyratron See 8295/PL172 See 6959 CW magnetron Packaged magnetron Packaged magnetron Magnetron Transmitting triode amplifier oscillator Transmitting pentode, similar to 4-400A
WL177 177YQ CV178	VA242D 382A CV178	Reflex klystron, see VA24	42D See 382A Transmitting UHF oscillator (British) -Similar to 3C27
FG178 FG178A FG178GE G178 POVT178 FG179 QK180 QK180A 180 QK181	FG178 FG178A FG178 FG178 CV74 FG179 QK180 QK180A 80 QK181	0178, FG178GE	Thyratron (obsolete). Use FG178A Thyratron See FG178 See FG178 See CV74 Nearest equivalents FG235 and FG271 Tunable magnetron Tunable packaged magnetron See 80 Packaged magnetron

	Current		,
Tube Type	Service Designation	Other Number	Class Description
TODE TYPE	Designation	Other Rember	Citata Description
181	181		Receiving amplifier
QK 182	QK 182		Tunable magnetron
182A	182A		Receiving triode amplifier
182B	182B/482B		See 182B/482B
182B/482B	182B/482B	482B, 182B, 428B	Receiving triode amplifier (obsolete)
EF183	6EH7/EF183		See 6EH7
183	183		Receiving triode amplifier (obsolete)
183/483	483		See 483
QK 184	QK 184		Pulse magnetron
QK185	QK 185	D172733	Tunable magnetron
185AB	185R8		See 185R8
185KC	185R8		See 185R8
185R	185R		Ballast tube
185R4	185R4	K55C, YTU9, 185KB	Ballast tube
185R8	185R8	185KC, 50XST, 185KB	Ballast tube
FG190	FG190	1290	Duodiode gas rectifier
QM190	QM190		Receiving miniature tetrode
X190	5929		See 5929
FP195	FP195	WL195	Therapy type HF triode oscillator
			(obsolete; replace with 852)
QF195	VR92 (Br:)		See VR92 (Br.)
TS195/1S5	TS195/1S5		Selected 185 for Bureau of Ordnance
WL195	WL195	FP195	Therapy type HF triode (nearest equivalents 852, UE952)
195	195		Transmitting triode-air cooled (therapy)
OF196	VR78 (Br.)		See VR78 (Br.)
TS196/1L4	TS196/1L4		Selected 1L4 for Bureau of Ordnance
WL196	WL196		Therapy type HF triode
196	196		Transmitting triode-air cooled
			(therapy)
FP197	FP197		Therapy type HF triode oscillator
			(obsolete; replace with 211)
QF197	2B24	VT-284	See 2B24
FP198	FP198		Therapy type UHF triode oscillator (obsolete)
ML199	ML199		High voltage full wave rectifier
UV199	V99		See V99
UX199	X99		See X99
BD200S	7009		See 7009 ·
C200	C200		See HF200
CE200	CE200	CR200	Duodiode gas rectifier, similar to NL602
CE200A	CE200A		Gas rectifier
CR200	CE200		Obsolete, see CE200
EE200	EE200		Industrial triode vacuum control tube
HF200	HF200	HV18, NU200, 200,	Transmitting and therapy type, triode
		C200, T200	amplifier oscillator
MA200	5789		See 5789

	Current Service		
Tube Type	Designation	Other Number	Class Description
ML200	ML200		Large transmitting tube, radiation cooled.
NU200	HF200		See HF200
QF200C	QF200C	VT-285, 2C27	Subminiature triode
T200	T200		Transmitting triode amplifier, see HF200
UX200	UX200		Superseded by OOA, both obsolete
VC200	VC200		British tube
200 200Å	HF200 . 00A	UX200	See HF200 Obsolete. Receiving triode. See OOA
200C	1B81	0.7200	See 1B81
200NB	200NB		Geiger-Mueller counter tube.
C201	C201		Transmitting triode amplifier (Collins)
CE201	4B27		See 4B27
HQ201	384A		See 384A
QK201	57 <i>7</i> 7		See 5777
RM201	RM201		Thyratron
SOU-201	SOU-201		CWKlystron oscillator, 13.5 KMc
UX201A	01A		See 01A
VA-201 VA-201B	VA201 VA201B		Reflex klystron oscillator Reflex klystron oscillator
201N	201N		Geiger-counter tube
C202	C202		Transmitting triode (similar to 8003)
CE202	CE202	NL625	Diode gas rectifier
QK202	5778		See 5778
X202	X202		Digital coding tube
202	202		Obsolete, replace with 1602
AC203	CE203		See CE203
C203A	203A	¥C 202 11W 15 DC122	See 203A
CE203 GL203A	CE203 203A	AC-203, HW-15, PG132	Diode gas rectifier See 203A
HD203A	HD203A		Transmitting triode amplifier
HD203C	HD203C		Heavy duty therapy triode amplifier
			(similar to 303U)
T203E	T203E		Transmitting triode amplifier
T203Z	T203Z		Transmitting triode amplifier
UV203A VA203B	203A 6975		See 203A See 6975
WE203A	203A	VT-1	See 203A
WL203A	203A	41-1	See 203A
203A	203A	303A, WE295A, C203A, WL203A, UV203A, GL203A, WE203A, 295A	Transmitting triode amplifier
203B	203B	CW933	See also 203A
203D	203D		Transmitting triode amplifier
203F	203F		Transmitting triode amplifier (obsolete)

	Current Service	01. N. I.	Class December
Tube Type	Designation	Other Number	Class Description
203H	203H	HF125	Transmitting triode amplifier (similar to 303U)
203W	203WA		See 203WA
203WA	203WA		Ruggedized version of 203A See 204A
C204A	204A 204A		See 204A See 204A
F204A	G204A		Cathode ray tube (Hewlett Packard)
G204A GL204A	204A		See 204A
RCA204A	204A		See 204A
UV204	204	VT-8	See 204
UV204A	204A		See 204A
VT-NC-204	VT-NC-204		Counter tube
WL204A	204A		See 204A
204	204	ÚV204	Transmitting triode (superseded by 204A)
204A	20 4 A	F204A, UN304A, C204A, GL204A, WL204A, WE304A, UE304A, RCA204A, VT-22, UV204A, OG1860, 1860	Transmitting triode
A205D	1658		See 1658
CE205	CE205	2RA5	Diode gas rectifier
HY205	HY205		Unbased hearing aid pentode amplifier
QK205	5721		See 5721
WE205B	205B	VT-2	See 205B
WE205D	1276		See 1276
WE205F	205F		See 205F
205	6491/205	205/6491	See 6491
205B	205B	WE205B, CW931	Obsolete, Triode
205D	205D	304D	Transmitting triode amplifier oscillator
205E	205E	RCA1602 WE205F	Transmitting triode amplifier
205F	205F	WEZUSF	Triode amplifier oscillator See 7153
BD206 CE206	7153 CE206	2RA6	Diode gas rectifier
GL206	206	ZITAO	See 206
QF206	2E27	VT-283	See 2E27
QK206	QK 206	. 2 200	Obsolete, K band local oscillator
QK 206A	QK206A		Magnetron. Obsolete
RCA206	206		See 206
UV206	206		See 206
206	296	GL206, RCA206, UV206, 2933	Transmitting amplifier oscillator (obsolete)
CE207	CE207		Diode gas rectifier
F207	207		See 207
GL207		207	See 207
RCA207	207		See 207
RX207	4B25	45X674, 4B25/EL6C	See 4B25
U V 207	207		See 207

	Current Service		
Tube Type	Designation	Other Number	Class Description
WL 207 207	207 207	VT-34, F207, F307A, 1971, UV207, RCA207, GL207, WL207	See 207 Transmitting triode amplifier oscil- lator water cooled
207 (Anton) 207M	6875 207M	207/6875	See 6875 Transmitting triode (modified version of 207)
RM208 V A 208 WE 208 A WE 208 C RM209 V A 209 WE 209 A CE 210	RM208 7071 WE208A WE208C RM209 VA209 WE209A CE210		Thyratron (obsolete) See 7071 Replaced by 205F Replaced by 101D Thyratron (obsolete) Reflex klystron Replaced by 102D Diode gas rectifier. Replaced by CE210A
CE210A PT210A QK210 UX210 WE210A 210 Amperex 211B C211 COM 211	CE210A 10 QK210 10 WE210A 10 Amperex 211B Commerical 211 Commerical 211	VT-4B, U8211, C211, RX211, UE211, NU211, GL211, HD211, WE211, WL211	Mercury vapor and gas FW rectifier See 10; Replace with 10Y Packaged magnetron See 10 Replaced by 104D See 10 See 211B See comm 211; replace with 211 Transmitting triode amplifier oscillator. See 211 (very similar to 242A, 342B)
Commercial 211 Spec GL211	Commercial 211 Spec		Commercial type 211 with low grid current limits-see 211, replace
HD211 HD211C JAN 211	Commercial 211 211C JAN 211	VT-4C	See comm 211; replace with 211 with 211. See comm 211; replace with 211 See 211C Transmitting triode amplifier
NU211 QK211 RCA211 RX211 T211C UE211 UE211C UV211 VA211A VA211B WE211 WE211A WE211A	Commercial 211 QK211 248A Commercial 211 211C Commercial 211 211C Commercial 211 VA211A VA211B Commercial 211 211A WE211B		oscillator See comm 211; replace with 211 Packaged magnetron See 248A See comm 211; replace with 211 See 211C See comm 211; replace with 211 See 211C See commercial 211 Reflex klystron Reflex klystron See comm 211; replace with 211 See 211A Transmitting triode

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	Current		,
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Tube Type	Designation	Other Number	Class Description
WE211C	38111A		See 38111A (similar to 261A, 361A, WE261A, 835)
WE211D	211D		See 211D
WE211E	211E		See 211E
WL211	Commercial 211		See comm. 211
211	211	4C21, VT4C, Commercial 211 Special	Transmitting triode amplifier oscillator
211A	211A	WE211A	See 242C
211B	211B		Transmitting triode (Similar to 211 except for capacitances)
211C	211C	UE211C, HD211C, T211C	Therapy type HF triode
211D	211D	WE211D, HF140	Replace with 242C
211E	211E	WE211E	Replace with 242C
211H	211H	HF150	Type 211C with plate top cap
211W	211W		Ruggedized version of 211
BL212	BL212		Miniature tunable pulse magnetron
BS-212	6107		See 6107
CE212	CE212	289415	Diode gas rectifier
CE212A	4B35		See 4B35
F212E	212E		See 212E
FW212	8504 EV212	NII 627	8504 Special purpose diode gas rectifier
RX212	RX212	NL627	See 212E
WE212E	212E		See 5813
212	5813		Obsolete. Superseded by 212E
212A 212E	212A 212E	1819, F212E, UN312E, 312E, WE212E	Transmitting triode amplifier
B\$-213	6108	0122, W2212=	See 6108
CE213	CE213	2RA3	Diode gas rectifier
J213AAA	4B26	2	Replace with 4B26; see 4B26
J213AAA (Allen)	4B26		See 4B26
QF213	QF213		Subminiature type-confidential
UV213	80		See 80
UX213	80		See 80
213	80		See 80
213B	213B		Superseded by 80; see 80
C214	214		See 214
F214	214		See 214
GL214	214		See 214
QK214	QK214		Packaged magnetron -
RCA214	214		See 214
RM214	RM214		Thyratron
UV214	214		See 214
WL214	214		See 214
214	214	2938, C214, WL214,	Transmitting diode rectifier
		GL214, UV214,	(Obsolete)
	01.45	RCA214, F214, RW100	Townsian diade comme consider
214E	214E	OD A LE	Transmitting diode vacuum rectifier
CE215	CE215	2RA15	Diode gas rectifier

	Current Service		
Tube Type	Designation	Other Number	Class Description
VA-222F	VA-222F		Reflex klystron oscillator 5.9 to 6.2 KMc
WE222A	222A		See 222A
X222	22		See 22
222A	222A	F222A, WE222A	Transmitting diode rectifier- water cooled
222B	222B		Replaced by 222A
QK223	QK223		Packaged magnetron
WE223A	223A		Triode. Obsolete
CE224	4B24		See 4B24
QK 224	QK224		Packaged magnetron
UY224	UY224		Superseded by 241A
WE224A	22 4 A		Cathode ray tube. Obsolete
WE224B	WE224B	326B, 325B	Cathode ray tube. Obsolete
WE224C	WE224C	. 326C, 325C	Cathode ray tube. Obsolete
224	24	. 3200, 3230	See 24
224A CE225	24A 4B28		Screen grid amplifier (A.C.) See 4B28
QK225	OK225		Packaged magnetron
WE225A	WE225A		Triode
WE225TQ	704A		See 704A
Z225	866A		See 866A
225A	225A		Transmitting triode. Obsolete
225TQ	704A		See 704A
CE226	4B26		See 4B26
RX226A	RX226A		Diode rectifier. Obsolete
UX226	26		See 26
226	26 26		See 26
226A	226A		
A227A	A227A		Diode rectifier (Obsolete) Water cooled (Obsolete)
AEL227	7840/227	*	· -
UY227	27		See 7840/227
VT227A	27 227 A		See 27 See 277 A
227 227	27 27		
227 A	27 227 A	2 10052/2274	See 27
		3-100E3/227A, VT227A, 5C27	UHF triode oscillator amplifier
QK228	QK228		Magnetron-Superseded by QK254
WE228A	228 A	WEGGG & BOAG !	See 228A
228Å	228 A	WE228A, F328A	Transmitting triode amplifier modulator
228R	228R		Transmitting triode-forced air cooled
TS229	5687		See 5687
229D	229D		Triode
BL230	7444		See 7444
CE230	3B24		See 3B24
FT-230	FT-230		Photo-flash tube
WE230D	WE230D		Same as 231D except base
WT230	873		See 873
230	30		See 30

	Current Service		
Tube Type	Designation	Other Number	Class Description
WE231D 231D RX232 WE232A WE232B 232	231D 31 231D RX232 232A 232B 32	WE231D	See 231D See 31 Receiving triode detector amplifier Obsolete. Superseded by 72 See 232A See 232B See 32
232A	232A	WE232A, F332A	Replaced by 343A
232B	232B	WE232B	Transmitting triode amplifier oscilla- tor-water cooled (Replaced by 343A)
232BA 232C	232BA 232C		232B with fins for air cooling Transmitting triode amplifier water cooled
232CH	232CH		Transmitting triode amplifier water cooled. Replaced by 233
232R QK233 RX233 RX233A WE233A WE233B 233	232R QK233 2C33 2C33 233A 233B 233		Transmitting triode forced air cooled Packaged magnetron See 2C33 See 2C33 See 233A See 233B Transmitting triode amplifier, water cooled
233A 233B QK234 WE234A	233A 233B QK234 WE234A	WE233A WE233B	Transmitting diode rectifier Replaced by 233A Packaged magnetron Rectifierequipment converted to use
234 CE235 FG235A QK235 RX235 235 235 235D QK236 VA236C WE236A 236	34 5B21 5552 6344/QK235 RX235 X235 35 235D QK236 VA236C 236A 36		249B See 34 See 5B21 See 5552 See 6344/QK235 Diode rectifier (similar to 72) Traveling wave tube See 35 Transmitting triode (Obsolete) Tunable packaged magnetron Reflex klystron See 236A See 36
236A	236A	WE236A	Transmitting triode amplifier- water cooled
F237A QK237 WE237A WE237B X237	237 A QK237 237 A 237 B X237	2J51W	See 237A Ruggedized version of 2J51 See 237A See 237B Dispersive amplifier
237 A	237 A	WE237A, F237A, F337A	Transmitting diode rectifier- water cooled

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	Current		
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Tube Type	Desi ination	Other Number	Class Description
	_		0.001
WE252A	252A		See 252A
252A	252A	WE252A	Triode amplifier oscillator
FG253	FG253		Gas rectifier (ignitron-obsolete-
			superseded by GL415)
H253C	HK 253C		Transmitting diode vacuum rectifier
HK253	HK253		Transmitting diode vacuum rectifier
TINZSS			-Similar to 217C
QK253	QK 253		Magnetron. Similar to 5586
	6695		See 6695
QK253M			See 253
WE253	253		See 253A
WE253A	253Å	WEGES	Transmitting rectifier
253	253	WE253	
253A	253A	WE253A	Diode gas rectifier
HK254	HK254		Transmitting triode amplifier (similar
			to 100TH, RK38 and 4C22/HF100)
QK254	6518/QK254		See 6518/QK254
WE254A	254A		See 254A
WE254B	254B		See 254B
254A	254A	WE254A	Transmitting tetrode amplifier
, 20			oscillator
254 B	254B	WE254B	Transmitting tetrode amplifier
23-12	20.2		oscillator
HY255	HY255		Unbased hearing aid pentode amplifier
	HY255X		Unbased hearing aid pentode amplifier
HY255X			See 255A
WE255A	255A		See 255B
WE255B	255B	WEGGE A	Rectifier. Obsolete
255A	255Å	WE255A	
255B	255B	WE255B	Diode gas rectifier
WE256A	256A		See 256A
256A	256A	WE256A	Thyratron
HK257	HK 257		Transmitting UHF pentode amplifier;
			see HK257B
HK257B	4E27		Identical to HK257, except ¾ inch
			shorter in height. See 4E27
WE257A	257 A		See 257 A
257	RK48A/RK48		See RK48A/RK48
257 A	257 A	WE257A	Receiving triode amplifier detector
FG258A	5553		See 5553
QK258	QK258		Ruggedized version of 2K45
	258B		See 258B
T258B	258B		See 258B
WE258B		WE258B, T258B	Dioxide gas rectifier
258B	258B	WE236B, 1236B	See 5554
FG259B	5554		
FG259R	FG259R	01/200	Diode gas rectifier (ignitron)
QK25 9	QK 259	QK399	CW magnetron
QK 259 A	QK 259A		CW magnetron
WE259A	259A		See 259A
WE259B	259B		See 259B
259A	259A	WE259A	Receiving tetrode amplifier
259B	259B	WE259AB	Receiving tetrode amplifier

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Tube Type	Designation	Other Number	Class Description
QK260	QK260		Packaged magnetron
V-260	6310		See 6310
WE260A	260A		See 260A
260A	260A	WE260A	Transmitting tetrode amplifier
V-261	6311	WE200A	See 6311
261A	261A		See 38111A; replace with 38111A
201A	ωin		(similar to WE276A, 242B, 242C, 211C, 835)
V-262	V-262		Reflex klystron oscillator, 8.5 to 10.0 KMc
WE262A	262A		See 262A
WE262B	262B		See 262B
262A	262A	WE262A	Superseded by 262B
262B	262B	WE262B	Receiving triode amplifier
QK263	OK 263		Magnetron
WE263A	263A		See 263A
WE263B	263B		See 263B
263A	263A	WE263A	Duodiode gas rectifier
263B	263B	WE263B	Duodiode gas rectifier
OK 264	7528	#12 2 02	See 7528
WE264B	264B		See 264B
WE264C	264C		See 264C
264	864		See 864
264B	264B	WE264B	Superseded by 264C
264C	264C	WE264C	Receiving triode AF amplifier
FP265	FP265	P-0016A	Therapy type HF triode
F266A	266A	1 001011	See 266A
F266B	266B		See 266B
GL266A	266 A		See 266A
GL266B	266B		See 266B
QK 266	QK266		Packaged magnetron
WE266B	266B		See 266B
WE266C	266C		See 266C
266A	266A	F266A, GL266A	Transmitting diode rectifier
20011	20011	1 ZOON, GEZOON	(equivalent to 857)
266 B	266 B	F266B, WE266B, GL266B	Transmitting diode gas rectifier
266C	266 C	WE266C	Transmitting diode gas rectifier (similar to 857B)
F 267 B	267 B		See 267B
WE267B	267B		See 267B
267 B	267B	WE267B, F267B	Transmitting diode gas rectifier (similar to 872A)
QK268	QK268		Packaged magnetron
WE268A	268A		See 268 A
268 A	268 A	WE268A	Transmitting triode
QK269	QK269		Klystron
WE269A	269A		See 269A
269A	269A	WE269A	Thyratron
FP270	FP270		Transmitting triode (obsolete)
			• • • • • • • • • • • • • • • • • • • •

	Current Service		•
Tube Type	Designation	Other Number	Class Description
V-270 WE270A WT270	6312 270A 80		See 6312 See 270A See 80
270A FG271 QK271	270 A 555 1 QK 27 1	WE <i>2</i> 70A	Transmitting triode amplifier See 5551 Tunable packaged magnetron
UX271 WE271A 271	371A 271A 71 271A	WE271A	See 371A See 271A See 71 Moderate power triode amplifier
271A QK272 WE272A WT272 272	QK272 272A FG17 FG17	#L2/1A	CW magnetron See 272A See FG17 See FG17
272A QK273 KU274	272A QK273 7866	WE272A	Receiving triode amplifier Packaged magnetron See 7866 See 274A
WE274A WE274B 274 274A	274A 274B 5V4G 274A	WE274A	See 274B See 5V4G Duodiode vacuum rectifier
274B DT275	274B 5A6	WE274B	Duodiode vacuum rectifier Replace with 5U4G See 5A6
QK275 WE275A 275A	QK275 275A 275A	WE275A	Packaged magnetron See 275A Moderate power triode
GL276A QK276 STS276 WE276A	276A QK276 STS276 276A		See 276A Packaged magnetron Traveling wave tube See 276A
276A WE277A	276A 277A	GL276A, WE276A, WE376A, 376A	Transmitting triode amplifier oscillator See 277A
277A STC278 WE278A	277 A STC278 278 A	WE <i>27</i> 7A	Thyratron Traveling wave tube See 278A
278A	278A STC279	WE278A	Transmitting tetrode amplifier, obsolete (similar to 379A and 251A) Traveling wave tube
STC279 WE279A 279A FG280	279A 279A 279A FG280	WE279A	See 279A Transmitting triode amplifier Diode gas rectifier
ML-280 UX280 V280 WE280A	ML-280 80 6313 280A 80		Miniature planar triode See 80 See 6313 See 280A See 80
280 280A ML-281	80 280A ML-281	WE280A	Diode gas rectifier (obsolete) UHF tetrode

	Current Service		
Tube Type	Designation	Other Number	Class Description
UX281 WE281A	81 281 A		See 81 See 281A
281A	281A	WE281A	Moderate power tetrode
T282A	282A		See 282A See 282A
WE282A WE282B	282A 282B		See 282B
WEZ62B 282A	282A	WE282A, T282A	Transmitting tetrode amplifier
282B	282B	WE282B	Transmitting tetrode amplifier
QK283	QK283		Tunable packaged magnetron
QK283A	QK283A		Magnetron
WE283A	283A		(obsolete, replaced by 282A) See 283A
283A	283A	WE283A	Receiving tetrode amplifier Tunable packaged magnetron
QK284	QK284 OK284A		Magnetron
QK284A WE284	284A		See 284A
WE284D	284D		See 284D
WE284F	284D		See 284D
284A	284A	WE284	Obsolete, superseded by 284D
28 4D	284D	WE284F, WE284D, WE294D	Transmitting triode amplifier; see also 845
FP285	FP285		They type HF triode. Similar to 311GT, 38111A, 211C
QK 285	QK285		Packaged magnetron See 285A
WE 285A 285 Å	285A 285A	WE285A	Receiving pentode AF amplifier
QK286	OK 286	W1203/1	Packaged magnetron
WE286A	286A		See 286A
28 6 A	286Å	WE286A	Receiving pentode amplifier modulator
QK287	QK287		Packaged magnetron
WE287A	287 Å	1007 WE'007 & CE'000	See 287A
287 Å	287A	1287, WE287A, SE302	Thyratron Klystron
QK288 WE288A	QK288 288 A		See 288A
288Å	288A	WE288 A	Diode gas rectifier (obsolete). Use 4B26
WE289	4B26		See 4B26
289A	4B26		See 4B26
UX290	80		See 80
WE290A	290A		See 290Å
290	6314	WE290A	See 6314 Receiving pentode variable mu
290Å	290 Å	WE290A	amplifier See 291A
WE291A 291	291A 291		Receiving triple twin amplifier.
2014	201 /	WE291A	Obsolete Receiving pentagrid converter
291A WE292A	291A 292A	MLZZIN	Obsolete, superseded by 352A
WE292A 292A	292A 292A		Obsolete, superseded by 352A
WE293A	293A	4 · * *	See 293A

	Current Service		
Tube Type	Designation	Other Number	Class Description
293 293A WE294A WE294D WT294 294A	293 293A 294A 284D OD3 294A	WE293A	Receiving triple twin amplifier Pentode amplifier See 294A See 284D See OD3 Transmitting pentode amplifier
WE295A 295 295A QK296 QM296 WE296A 296A	203A 295 203A QK296 5517 296A 296A	WE296A, 849	(low power) See 203A Receiving triple twin amplifier See 203A Packaged magnetron See 5517 See 296A Transmitting triode amplifier
STX297 WE297A 297A	STX297 297 A 297 A	61A5A32 WE297A	Traveling wave tube See 297A Thyratron
WE298A WE298B 298A	298A 298B 298A	WE298A	See 298A See 298B Transmitting triode amplifier
298B CV299 CX299 GL299 QK299 UV299 UX299 WE299A QK299 UV299 UX299 WE299A	298B 99 99 GL.299 QK.299 V99 X99 299A 6229 V99 X99 299A	WE298B	Transmitting triode amplifier See 99 See 99 Thyratron Packaged magnetron See V99 See X99 See 299A See 6229 See V99 See X99 See X99 See X99 See 299A
299A BD300 C300 CE300 CR300 DR300 EE300	BD300 C300 5962 5962 DR300 EE300	WE299A, CX399, C399	Gas rectifier (not active) Beam switching tube Transmitting triode See 5962 See 5962 Transmitting triode Transmitting triode Transmitting triode oscillator, power amplifier
HF300	HF300		Transmitting triode amplifier (nearest equivalent NU300, WL463, KU23, C300)
NU300 300A 300B 300C 300T BD301	NU300 00A 300B 300C 300T 6703	KU23	Transmitting triode amplifier See 00A (Superseded by 300B) Moderate power triode amplifier Triode Transmitting triode amplifier See 6703

Tube Type	Current Service Designation	Other Number	Class D
TODE Type	Designation	Other Number	Class Description
QK301A	QK301A		Magnetron, CW, liquid cooled. See QK465
WE301A	301A		See 301A
301A	301A	WE301A	Duodiode gas rectifier (nearest equivalent is type 83)
CE302	287A		See 287A
EL302.5	3B21		See 3B21
GB-302	GB-302		Geiger-Mueller counter tube
QK302A WE302A	QK302A		Magnetron, CW, liquid cooled
302A	302A	WE2024	See 302A
CE303	302A	WE302A	Cathode ray tube (obsolete)
QK303	3C31/C1B 6403		See 3C31/C1B
303A	203A		See 6403
303C	303C		See 203A
	3030		Transmitting triode amplifier
303U	303U		(nearest equivalent 303U)
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Transmitting triode amplifier
303UE	303UE		(nearest equivalent 303C)
CE304	CE304		Transmitting triode amplifier Thyratron
CG-304	CG-304		Geiger counter tube
F304A	304A		See 304A
HK304H	304TH		See 304TH
HK304L	304TL		See 304TL
HK304TH	304TH		See 304TH
HK304TL	304TL		See 304TL
UE304A	204A		See 204A
UN304A	204A		See 204A
WE304A	204Å		See 204A
WE304B	834		See 834
304A	204A	F304A	See 204A
304D	205D		See 205D
304H	304TH		See 304TH
304TH	304TH	VT-254, WL535, HK304TH, HK304H, 3-300A3/304TH, 304, 535	Transmitting triode power amplifier (high mu)
304TL	304TL	WL525, HK304L, HK304TL, 3-300A2/304TL,	Transmitting triode power amplifier (low mu)
CE305	CESUE	VT-129, 525	m
WE305A	CE305		Thyratron
305A	305A 305A	WE305A	See 305A
305D	305A 305D		Transmitting tetrode power amplifier
CE306	303D C 6 J	801A, 801A/801	Transmitting triode amplifier
QK306	6253		See C6J
WE306A	306A		See 6253 See 306A
306A	306A	WE306A	Transmitting pentode amplifier
F307A	207		See 207
•	**		200 207

	Current Service		
Tube Type	Designation	Other Number	Class Description
307 A CE308 ML308 QK308	307 A CE308 5669 QK308	VT-225, RK75	Transmitting pentode amplifier Thyratron (selected C6J) See 5669 Magnetron. Obsolete, replaced by CK-400
308Å 308B	308 A 308 B		Superseded by 308B Transmitting triode amplifier oscillator
BL-309 CE-309 ML309 SA309 WE309A	6592 FG17 5666 SA309 309A		See 6592 See FG17 See 5666 Strobotron See 309A
309A BL310 CE310 CX310 GM-310A UE310 UK310P WE310B	309A 6593 CE310 10 GM-310A 801A NT98 310B	WE309A	Receiving pentode amplifier See 6593 Thyratron Superseded by 10 Geiger-Mueller counter tube See 801A See NT98 See 310B See 10
310 310A 310B BL311 CE311 QK311 QK311A/6248 UE311 UE311CT WE311A	310A 310B 6594 3C23 QK311 6248 311 311CT 311A	REL3B, 8310A WE310B	Receiving pentode amplifier Receiving pentode amplifier See 6594 See 3C23 See 6248 See 6248 See 311 See 311CT See 311A
311	311	UE311	See 211; Replace with 211 (similar to 242A, 835, Commercial 211)
311A	311A .	WE311A	Receiving pentode amplifier, obsolete use 311B
311B 311C	311B 311C		Receiving pentode amplifier Replace with 38111A (similar to 835, commercial 211)
311C206-G01	311C206-G01		Phototube assembly, uses special 6467 photomultiplier
311CH	311CH		Therapy type HF triode (nearest equivalent 211H, plate top cap)
311CT	311CT	UE311CT	Therapy type HF triode. Replace with 38111A
311T	311T		Therapy type HF triode (replace with 211)
BL312 QK312 UN312E WE312E	6615 QK312 212E		See 6615 Magnetron See 212E See 312A

	Current Service		
Tube Type	Designation	Other Number	Class Description
312A 312E BL313 BM313 CX313 QK313 WE313A WE313CA WE313CB WE313CD 313	312A 212E 6565 REL32 80 QK313 313A 313CA 313CB 313CB 313CC 313CD	WE312E	Transmitting pentode amplifier See 212E See 6565 See REL32 See 80 Tunable packaged magnetron See 313A See 313CA See 313CB See 313CC See 313CD See 80
313A 313B 313C	313A 80 313C	WE313A	Superseded by 313C See 80 Cold cathode gas triode rectifier
313CA	313CA	WE313CA	relay regulator Cold cathode gas triode rectifier relay regulator selected type 313CC
313CB	313CB	WE313CB	Cold cathode gas triode rectifier relay regulator
313CC	313CC	WE313CC	Cold cathode gas triode rectifier relay regulator
313CD	313CD	WE313CD	Cold cathode gas triode rectifier relay regulator
313H/7640 WE314A 314A BL315 CE315 F315A WE315A	7640 314A 314A BL.315 C5B 315A 315A	MAS1/7640 WE314A	See 314A Duodiode gas rectifier Band pass shutter tube See C5B See 315A See 315A
315A 315B 315D BD316	315A CV38 NT98 BD316	WE315A, F315A	Transmitting diode gas rectifier (similar to 575A and 673) See CV38 See NT98 Shielded miniature beam switching
BL316 BS316 GL316A WE316A 316 316A BL317 T317P2 TR317 UE317C 317C	6595 BS316 316A 316A 81 316A 6596 T317P2 TR317 217C 217C	VT-191, WE316A, GL316A, ZP470 154-196	tube See 6595 Hi sensitivity gamma counter tube See 316A See 316A See 81 Transmitting UHF triode oscillator amplifier See 6596 Cathode ray tube (Tektronix) TR tube (similar to X7047) See 217C See 217C
F318A	218		See 218

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	Current		
Tube Type	Service Designation	Other Number	Class Description
QK318	6115		See 6115
318A	218		See 218
F319	219		See 219
F319A	F319A		Obsolete; see 219
			Magnetron, pulsed, fixed frequency
QK319	QK319		
WE319 319A	319A 319A	WE319	See 319A Transmitting diode gas rectifier (similar to 872A)
DI 220	e c m		
BL320	6597		See 6597
F320B	220B		See 220B
WE320A	320A		See 320A
320Å	320A	WE320A	Transmitting triode amplifier (250 kw)
ATR321	5864		See 5864
QK321	QK321		Pulsed magnetron
WE321A	321A		See 321A
321A	321A	WE321A	Transmitting diode gas rectifier
		1120211	(similar to 575A and 673) See 6599
BL322	6599		
CX322	22		See 22
F322A	F322A		Obsolete; see 222A
ML322	ML-322		UHF clipper diode
QM322	5656		See 5656
WE322A	803		See 803
322A	803		See 803
BL323	6600		See 6600
CE323A	323Å		See 323A
NL323B	323A		See 323A
QK323	QK323		Magnetron, pulsed, 100KW
WE323A	323Å		See 323A
WE323B	323B		See 323B
323	323		Ballast lamp
323A	323A	WE323A, CE323A,	Thyratron . Replaced by 323B
	0000	NL323B	
323B	323B	WE323B	Thyratron
BL324	6 613		See 6613
QK324	7452		See 7452
WE324A	324A		See 324A
324A	324A	WE324A	Special purpose diode rectifier (obsolete, similar to 3B24)
A325	A325		Broad band TR and attenuator
	0005		switch
MA325	8385		See 8385
WE325A	325A		See 325A
325Ā	325A	WE325A	Cathode ray tube. Obsolete
325B	32 5 B	WE325B, WE224B	Cathode ray tube. Obsolete
325C	325C	WE325C, WE224C	Cathode ray tube. Obsolete
BL326	6616	•	See 6616
CE326	5528/C6L		See 5528/C6L
WE326A	326A		See 326 A
111111111	J20/1		000 02011

	Current Service	O.J. N	CL D
Tube Type	Designation	Other Name	Class Description
326 326A 326B 326C BL327 QK327	26 326A 326B 326C 6601 7529	WE326A WE326B, WE224B WE326C, WE224C	See 26 Cathode ray tube. Obsolete Cathode ray tube. Obsolete Cathode ray tube. Obsolete See 6601 See 7529
WE327A	WE327A	WL.966626	Diode gas rectifier (obsolete) - Replace with 4B35
327 327A 327B	27 327 A 327 B	5C37, 3-100G3/327A 3-100H3/327B	See 27 Transmitting UHF triode Original 327A without plate fins. Use 327A
F328A F328B QK328	228A F328B QK328		See 228A Water cooled transmitting triode amplifier modulator Magnetron, rugged tunable pulse
QN328 QM328 WE328A 328A	5686 328A 328A	WE328A	See 5686 See 328A Receiving pentode amplifier
BL329 ML329 QK329	6602 ML329 QK329	11202011	See 6602 Rugged output tetrode Receiving ribbon beam tube, see also QK256, QK405
WE329A 329A H330 WE330A 330	329A 329A H330 330A 30	WE329A	See 329A Receiving pentode amplifier Therapy See 330A See 30
330A 330B 330C A331 MA331A MA331B	330A 330B 330C A331 MA331A MA331B	WE330A	Cathode ray tube. Obsolete Cathode ray tube. Obsolete Cathode ray tube. Obsolete Therapy (obsolete-similar to CV-11) ATR tube ATR tube
TR331 WE331A 331A ATR332	5925 805 805 6022		See 5925 See 805 See 805 See 6022
F332A F332C WE332A	F332A F332C 332A	WE232A WE232B	Transmitting triode-water cooled Superseded by F342A See 332A
332A 333 333A	332A 33 333A	WE332A	Similar to 803. Transmitting pentode See 33 Cold cathode gas triode rectifier relay regulator
334 334H BL335 335	34 8175/334H BL335 35		See 34 See 8175/334H Dual TR and shutter tube See 35
BL336	BL336		Dual TR and Shutter tube

	Current		,
	Service		
Tube Type	Designation	Other Number	Class Description
F336A	F336A		Transmitting triode-water cooled
WE336A	336A		See 336
336A	336A	WE336A	Receiving pentode amplifier
F337A	237 A		See 237A
WE337A	337A		See 337A
337	37 37 37 37 37 37 37 37 37 37 37 37 37 3		See 37
337 A	337 A	WE337A	Receiving pentode amplifier
MA338B	MA338B	55,	Dual TR tube
QK338	6410		See 6410
QK338A	6410A/QK338A		See 6410A/QK338A
WE338A	338A		See 338 A
338	38		See 38
338Å	338A	WE338A	Thyratron
WE339A	339A		See 339A
339A	339A	WE339A	Transmitting pentode amplifier
S-340	5960		See 5960
WE340A	340A		See 340A
340Å	340A	WE340A	Transmitting triode amplifier
			oscillator
340H	8176/340H		See 8176/340H
WE341AA	341AA		See 341AA
341AA	341AA	WE341AA	Nearest equivalent 891R
341H	341H		Traveling wave tube
F342A	342Å		See 342A
F342R	342A		See 342A
MA342	MA342	MXT33	TR tube
WE342A	3 42 Å		See 342A
342Å	342A	F342R, WE342A,	Transmitting triode amplifier
	0.400	F342A	oscillator-water cooled
342B	242B		See 242B
342C	242C		See 242C Transmitting triode amplifier
F343R	F343R		oscillator
WED 40 A	343A		See 343A
WE343A	343A	WE343A	Transmitting triode amplifier
343A	343A	WEDGOA	oscillator-water cooled
343-AA	343AA		Transmitting triode amplifier oscillator-forced air cooled
344H	8111		See 8111
ATR345	5792		See 5792
MA345	MA345		ATR tube
VX345	VX345		Wide tuning local oscillator
WE345A	345A		See 345A
345	45		See 45
345Ā	345A	WE345A	Receiving duodiode rectifier
ATR346	5793		See 5793
F346A	846		See 846
QK346	QK346		Tunable magnetron
WE346A	346A		See 346A
WE346B	346B		See 346B

	Current Service		
Tube Type	Designation	Other Number	Class Description
346A	346A	WE346A	Cold cathode gas triode. Superseded by 346B
346B	3 46 B	WE346B	Cold cathode gas triode rectifier relay regulator
QK347 WE347A	QK347 347A		CW magnetron See 347A
347 A ATR348 F348 A WE348 A 348	347 A 592 1 848 348 A 48	WE347A	Receiving triode amplifier See 5921 See 848 See 348 A See 48
348Å	348Ā	WE348A	Receiving pentode amplifier. 77 with octal base
ATR349 MA349D	5922 MA349D	TR tube	See 5922 See 6249
QK349 WE349A 349A	6249 349Å 349Å	WE349A	See 349A Receiving pentode amplifier.
BL350	BL350	"LOGIA	Equivalent to 6F6G Shuttered TR tube
C350 CR350-5 H350	C350 CR350-5 4C35		Transmitting tetrode amplifier Current regulating tube See 4C35
TR350 WE350A WE350B	5927 RK49 350B		See 5927 See RK49 See 350B
WE350D 350	801A 50		See 801A See 50
350A 350B	350A 350B	VT-230 WE350B	Receiving beam power amplifier Receiving beam power amplifier (similar to 350A except in basing)
QK351 WE351A	6115 351A		See 6115 See 351Å
351A	351A	WE351A	Receiving duodiode vacuum rectifier, full wave
BL352 BL352A QK352	BL352 MCT30/BL352A QK352		Shuttered TR tube See MCT30/BL352A Modified QK264
WE352A 352A	352A 352A	WE352A	See 352A Receiving duodiode triode amplifier;
F353	872Å	WESSEA	see 292A See 872A
F353A QK353	872A QK3 5 3		See 872A Packaged magnetron, fixed
WE353A	353A		frequency, pulsed Cold cathode gas triode rectifier relay regulator
353A HK354	353A HK354		Cold cathode gas triode Transmitting triode (MU of 14)
HK354A	HK354A		Transmitting triode (MU of 9.5)

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
HK354B	HK354B		Transmitting triode
HK354C	HK354C		
HK354D	HK354D		Transmitting triode
HK354E	HK354E		Transmitting triode (MU of 22)
IIC554L	UV234E		Transmitting triode (very similar to 250TH)
HK354F	HK354F		Transmitting triode (MU of 50)
MA354	MA354		TR tube
MA354A	MA354A		Matched pair of MA354 tubes
ML354	ML354		Water-cooled transmitting triode
NL354A	354A		See 354A
QK354	QK354		Subminiature ballast tube
WE354A	354A		
354	354A		See 354A
354A	·	WESEAR NE SEAR	Transmitting triode
NL355A	354A	WE354A, NL354A	Thyratron, mercury
	354Å		See 355A
WE355A	355A		See 355A
355A	355A	WE355A, NL355A	Thyratron, gas amd mercury
MA356	MA356		Dual TR tube
MA356E	8272		See 8272
WE356A	3 56 Å		See 356A
WE356B	3 56 B		See 356B
356A	3 56 A	WE356A	Transmitting triode amplifier
			oscillator (50W)-replace with
			356B
356B	3 56 B	D159781, WE356B	Transmitting triode amplifier
			oscillator (60W)
BL357	BL357		Dual TR and shutter tube
F357A	857B		See 857B
QK-357	QK357		Recording storage tube. Superseded
			by 6835
WE357A	357A		See 357 A
357 A	357A	WE357A	Transmitting triode amplifier
MA358	MXT53	BL970	See MXT-53
QK358	6517	520.0	See 6517
WE358A	358A		See 358A
358A	358 A	WE358A	Cold cathode gas diode
A359B	8024		See 8024
OK359	QK359		CW magnetron
WE359A	359A		See 359A
359A	359Å	WE359A	
30371	3 3 3A	WESSEA	Transmitting cold cathode gas triode
TR360	TR360		rectifier relay regulator
WE360A	360A		TR tube
360A		MESCOA	See 360A
TR361	360A	WE360A	Low drain pentrode. Obsolete
	5865		See 5865
WE361A	WE361A		Receiving pentode
361A	3 6 1A		Replace with 38111A (similar to
מיים	Dr 202		WE242B, WE242C, and 211)
BL362	BL 36 2		Dual TR shutter tube

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
QK362	QK362		Miniature magnetron, pulsed, air cooled
WE362A	362A		See 362A
362A	362A	WE362A	Receiving pentode amplifier. Obsolete
F363A	863		See 863
OK363	6177		See 6177
WE363A	363A		See 363A
363A	363A	WE363A	Transmitting pentode amplifier
		2040/1	modulator
WE364A	364A		See 364A
364A	364A	WE364A	Transmitting triode amplifier oscillator
F366A	866A		See 866A
WE366A	WE366A		Special purpose pentode amplifier
F367A	F367A		Transmitting diode rectifier (type 315A characteristics)
WE367A	367A		See 367A
367Å	367A	WE367A	Transmitting tetrode amplifier. Similar to WE350, but suited to
TR368	coco		higher frequencies
WE368A	5853		See 5853
	368 A		See 368 A
WE368AS	368AS/703A		See 368AS/703A
368A	368 Å	WE368A A	Transmitting UHF triode oscillator (similar to 703A and 368AS)
368AS	368AS/703A		See 368AS/703A
368AS/703A	368AS/703A	368AS, WE703A, 703A, WE368AS, D159764	Transmitting UHF triode amplifier converter
F369A	369A		Transmitting diode gas rectifier. Superseded by F369B
F369B	869B		See 869B
QK369	QK369		Klystron
369A	369A		Transmitting diode gas rectifier Superseded by F369B
370A	370A		Transmitting triode amplifier
CX371A	71A		See 71A
WE371A	371A		See 371A
WE371B	371B		See 371A
371A	371A	UX271, WE371A,	Diode rectifier. Obsolete. Not directly
371B	371B	221A, VT-166 221B, WE371B	interchangeable with 371B Transmitting diode vacuum rectifier.
		,	Improved 371A (not directly inter- changeable)
371EA	371EA		Neutron counter tube
QK372	QK372		Tunable magnetron
WE372A	372A		See 372A
372	372		Neutron counter tube
372A	372A	WE372A	Cold cathode gas triode rectifier
	J. 411	11212A	relay regulator
WE373A	373A		See 373A

	Current		
	Service	Out N. I.	Class Description
Tube Type	Designation	Other Number	Class Description
373Å	373A	WE373A	Receiving pentode amplifier
BL374	BL374		Dual TR and shutter tube
WE374A	374A		See 374A
374	374		Neutron counter
374A	374A	WE374A	Receiving pentode amplifier
F375A	575A		See 575A, Similar to 673
WE375A	WE375A		Small transmitting special purpose
X-375	X-375		Dual power tetrode
375	375		Neutron counter tube
375A	575A		See 575A
375EA	375EA		Neutron counter tube
WE376A	276A		See 276A
376A	276A		See 276A
377A048	377A048	and the second s	Duplexer (Metcom)
QK378	QK378		Magnetron, fixed frequency, pulsed
WE378A	705A		See 705A
378A	705A		See 705A
WE379A	379A		See 379A
379A	379Å	WE379A	Transmitting triode oscillator
			modulator amplifier
QM380	QM380		Miniature cold cathode Corona
			discharge voltage regulator
			(similar to BS101)
WE380A	380A		See 380A
380A	380A	WE380A, D157653	Receiving diode rectifier (unbased)
380/D	380/D		Type 1B85 with protective coating
ATR381	5883		See 5883
ML381	ML381		Planar triode, similar to 2C39Å
QK381	QK381		Reflex klystron
WE381A	381A	W770011 D150500	See 381A
381A	381A	WE381A, D159508	WE380A with base, UHF diode
WE382A	382A	WEIGOO L DISESSI	See 382A
382A	382A	WE382A, D157591,	Receiving UHF triode amplifier
		177YQ	(unbased)
WE383A	383A	MESOS E DIFOCO	See 383A
383A	383A	WE383A, D159509	WE382A with base, UHF triode See 384A
WE384A	384Å	WESO AN LLOSOS	
384A	384Å	WE384A, HQ201	Receiving UHF pentode amplifier
***	00.45		(unbased)
384D	384D		Transmitting triode amplifier See 385A
WE385A	385A	WERRE	WE384A with base, voltage amplifier
385A	385Å	WE385A	pentode
OKOOS	6845		See 6 845
QK386			See 386A
WE386A	386A WL386/ML-3W		High voltage rectifier (medical and
WL386	MLJOU/ WIL-JW		surgical)
206 ¥	386 A	WE386A, D158796	Receiving UHF pentode amplifier
386A	JOUR	HEDUGITY DIGGING	(unbased)
ATR-387	6024		See 6024
A111-307	J024		

	Current Service		
Tube Type	Designation	Other Number	Class Description
BL387 VX387	BL387 VX387		TR tube Mercury pool modulator tube (British), improved version in VX9046
WE387 A 387 A ATR-388 ATR-388 A WE388 A 388 A	387A 387A ATR388 6162 388A 388A	WE387A, D159512 D159769, WE388A	See 387A WE386A with base ATR tube; modified 1B35 See 6162 See 388A Transmitting UHF triode oscillator
QK389 WE389AA	QK389 389AA	MESOUY Y	Magnetron, version of 6003, obsolete See 389AA
389AA QF390 QF392 CE393A GL393A QF393 QK393 WE393A	389AA QF390 QF392 393A 393A QF393 QK393 393A	WE389AA	Large transmitting. Metal anode Cold cathode diode Thyratron triode See 393A See 393A Hi voltage rectifier, half wave CW magnetron See 393A
393A QK394	393 A QK394	WE393A, GL393A, CE393A	Thyratron, Similar to 3C23 and 7410. 7410 to be substituted for mercury 393A in submarines Klystron
WE394 WE394A 394A	5745 & 5747 394A 394A	WE394A	See 5745 and 5747 See 394A Thyratron, gas mercury
WE395A 395A	395A 395A	WE395A	See 395A Cold cathode gas triode rectifier relay
396 A 397 A CV398 C399 CX399 WE399 A	2C51 2K56 CV398 299A 299A 399A		regulator. See also 7410 See 2C51 See 2K56 Similar to 5D21 (British) See 299A See 299A See 399A
399A BD400 BR400 FP400 KU400 L400 L400B MAG400 QK400/6841	399A BD400 4CP7 FP400 7590 L400 L400B MAG400 6841 400	WE399A	Cold cathode gas triode rectifier Beam switching tube See 4CP7 Diode rectifier See 7590 Triode Ballast tube Magnetron See 6841 Standard diode, kenotron, hi vacuum diode
400A 400B	1N43 1N44	D172925	Crystal rectifier Crystal rectifier

	Current		
Tube Type	Service Designation	Other Number	Class Description
	1NIAE		Country and the country of the count
400C	1N45		Crystal rectifier
400D	1N46		Crystal rectifier
FG401	1P29		See 1P29
FJ 4 01	1P29		See 1P29
KU401	7603		See 7603
401	401		Receiving triode detector amplifier (obsolete)
401 (Lionel)	401		Corona voltage regulator, version of 5962/BS101
401A	5590		See 5590
FG402	FG402		Gas diode rectifier (ignitron,
			superseded by GL415)
WL402	WL402		Small special purpose
402	402		Receiving power amplifier triode
402Å	402A		Klystron
LK403X	LK403X		Klystron, similar to 2K28
			Electrical output storage tube
TMA403X	TMA403X		(French)
403	403		Receiving power amplifier triode
403A	6AK5		See 6AK5
403B	5591		See 5591
BS404	6109		See 6109
CL404S	CL404S		Photoconductive cell
WL404	WL404		Transmitting and therapy type HF triode
404	404		Transmitting vacuum diode rectifier 🗼
404A	5847		See 5847
FJ405	FJ405		Vacuum phototube. Obsolete. Use 935
QK40 5	QJ405		Receiving ribbon beam logarithmic output tube
WL405	WL405		Transmitting triode amplifier, similar 359A
405Å	405A		Cold cathode triode
WL406	WL406		Transmitting triode amplifier
406 Å	406A		Klystron (Similar to 2K54)
ATR407	6081		See 6081
WL.407	WL407		Transmitting tetrode amplifier
407A	407A		Miniature twin triode (2C51) with
			20V heater)
BS408	6471		See 6471
QF408	1AD4		See 1AD4
WL408	WL.408		Transmitting amplifier
408A	6028		See 6028
QF409	1AE5		See 1AE5
WL409	WL409		Transmitting triode amplifier
409A	6AS6		See 6AS6
QK410A	QK410A		Magnetron
QK410AK	QK410AK		Magnetron
WL410	WL410		Transmitting triode amplifier
410	10Y		See 10Y
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	Current Service		
Tube Type	Designation	Other Number	Class Description
410-1L	3K21		See 3K21
410R	410R		Klystron-amplifier prototype of 3K30
GL-411	GL411		Diode vacuum rectifier
QK411A	7 570		See 7570
OE411PA	OE411PÄ		Cathode ray tube (French)
Sperry 411	2K31		See 2K31
WL411	WL411		Transmitting triode amplifier
411	411		High vacuum rectifier
411A	411A	1553	Relay tube, cold cathode
411GE	411 (GE)		Half-wave rectifier
QK412	QK412		Reflex klystron
WL412	WL_412		Transmitting triode amplifier
412	2K32		See 2K32
412A	6754		See 6754
WL413	WL413		Transmitting tetrode amplifier
413A	413Å		Cold cathode diode
ATR414	1B35A		See 1B35A
GL414	GL414	W170107	Thyratron, mercury vapor
WL414	WL414	WX3187	Thyratron See 4K34
.414	4K34		Miniature pentode (similar to 6AJ5)
414A	414A		See 5550
GL415	5550		Hydrogen thyratron. Modified 5C22
HT415	HT415		Transmitting tetrode amplifier
WL415	WL415		Pentode, amplifier. Similar to 6AS6
415A	415Å 2K36		See 2K36
416	2N30 416A	1553	Transmitting UHF triode
416Å	6280	1555	See 6280
416B	6310		See 6310
QK417/6310 WE417A	5842		See 5842
WL417A	417		See 417
WL417A	417A		See 417A
417	417	WL417, VT-277	Klystron . Superseded by 417A
417A	5842	WL417A	See 5842
417B	417B		Low grid emission version of 417A;
			see 2K41
GL418	GL418		Triode vacuum control tube
WL418	418A		See 418A
418	WL418		Transmitting triode amplifier
WE418Å	2K38		See 2K38
418A	418A	1546, WE418A	Power tetrode
QK419	QK419		Magnetron
WL419	WL419		Transmitting triode amplifier (obsolete, superseded by 891)
7410	7410		Industrial metal rectifier
Z419	Z419 419Å	1522	Klystron (improved 2K45)
419A	2K39	1900	See 2K39
419B wr 420	WL420		Transmitting triode UHF oscillator
WL420 420A	5755		See 5755
420A 420R	5K40		See 5K40
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	Current Service		
Tube Type	Designation	Other Number	Class Description
GL421	GL421		Transmitting pentode vacuum control tube. Obsolete.
QK421	QK421		Carcinotron
WL421	2K21		See 2K21
421	2K21		See 2K21
421A	421Å	5998	Used in power supply units-televi-
		3 330	sion relay
421C	2K21		See 2K21
QK422	QK422		Klystron
WL422	2J21		See 2J21
422A	422A		Used in power supply units-
ZP423	ZP423		television relay. Full wave rectifier Transmitting UHF triode oscillator
K424D	4V150 \$		amplifier, superseded by 8002R
WL424	4X150Å		See 4X150A
WL424	WL424		Transmitting diode gas rectifier (superseded by 869B)
X424D	4X150A		See 4X150A
424A	24A		See 24A
426A	426A		Will replace 327A and 405A. Minia-
			ture cold cathode, gas filled, for ringer tube, telephone application
GL427	GL427		Diode gas rectifier (ignitron). Superseded by 5779
QK427	QK427		CW magnetron, fixed frequency, air-cooled
TR427	6232		See 6232
WL.427	WL427		Superseded by WL612
427A	6141/427A		See 6141/427A
ATR428	6163		See 6163
QK428/6406	6406		See 6406
428B	182B/482B		See 182B/482B
428T	3B24		See 3B24
GL429	GL429		Thyratron
TR429	TR429	6164	TR tube
429T	3B24	0.04	See 3B24
QK430	QK430		Plused magnetron, fixed frequency. Similar to OK389
430A	430A		3 electrode, gas cold cathode for relay use. Similar to 313C
WL432	WL432		Transmitting diode vacuum rectifier (obsolete)
ZP432	ZP432		Transmitting UHF oscillator
WL433	WL433		Transmitting diode vacuum rectifier (obsolete)
ZP433	ZP433		Transmitting UHF triode
GL434A	434A		See 434A
QK434	QK434		Magnetron, electrically interchange- able with 5J26
X434	X434		UHF measurement diode

	Current Service		
Tube Type	Designation	Other Type	Class Description
ZP434 43X 434/434A 434A	434A 434A 434A 434A	GL434A, 434/434A, ZP434, 434	See 434A See 434A See 434A Transmitting UHF triode 7C23 is similar
QK435 WL435 ZP435 GL436 QK436 WL436	QK435 40 ZP435 ZP436 6316 WL436		Carcinotron See 40 Transmitting UHF triode (obsolete) See ZP436 See 6316 Transmitting diode gas rectifier (obsolete)
ZP436 436XQ 437 (Anton) QK437/6402 QF438 WL440 440	ZP436 436XQ 7161/437 6402 QF438 WL440 40	REL19, GL436	Transmitting UHF triode Switching tube See 7161/437 See 6402 Triode pentode, subminiature Triode amplifier See 40
D441 GL441 WL441 441 GI 442 Q 442 W 442 W 442 WL443 QK444 TR444 WL444 444 QK445 GL446 GL446B	D441 GL441 2J32 441 GL442 QK442 2J21 2J21 706AY 6551 TR444 WL444 39 QK445 446	CE61A/B, 59DV2 441, K-O VT-251	Geranium crystal diode Phototube See 2J32 Vacuum phototube (blue sensitive) Thyratron Wave guide See 2J21 See 2J21 See 706AY See 6551 TR tube Superseded by WL612 See 39 Magnetron, FM See 446 See 446B Magnetron
QK446 446 446A	QK 446 446 446 A	GL446	Magnetron Obsolete. Superseded by 446A and 446B Transmitting and receiving UHF
446 B	446B	GL 446 B	triode amplifier (replace with 2C40) Transmitting and receiving UHF triode amplifier oscillator (replace with 2C40)
QF447	QF447		Dual electrometer, subminiature radiac
QK447 ZP447 447 QF449	6843 2B27 47 QF449		See 6843 See 2B27 See 47 Hi voltage rectifier

	Current Service		
Tube Type	Designation	Other Number	Class Description
OK449 ZP449 449 E450TH F450TH WL450 450	OK 449 3C29 449 450TH 450TH 450TH 50 450T		Magnetron See 3C29 Obsolete. See 522 See 450TH See 450TH See 450TH See 50 Transmitting triode amplifier. Replace by 450TL
450TH	450TH	E450TH, F450TH, 3-450A4/450TH, VT-108, HK854H, 854H, WL450	Transmitting triode amplifier (nearest equivalent HK854H)
450TL	450TL	3-450A2/450TL, HK854L	Transmitting triode amplifier (nearest equivalent HK854L)
GL.451	8020		See 8020
QK451	QK451		Special 5J26
ZP451	8020		See 8020
451	8020		See 8020
GL452	GL452		Transmitting triode amplifier (superseded by 892)
QF452	5969		See 5969
QF453	5972		See 5972
ZP453	5BP4	•	See 5BP4
HK-454A	HK-454A		Transmitting triode. Obsolete. Use 250TH
HK454C	HK454C	•	Transmitting triode amplifier
HK454H	250TH		See 250TH
HK454L	250TL		See 250TL
QF454	5967		See 5967
C455	C455		Replace with 830B See 9LP7
GL455	9LP7 5970		See 5970
QF455	WL455		Therapy type triode (obsolete)
WL455 ZP455	9LP7		See 9LP7
QK456	5968		See 5968
WL-456	WL456		Diode vacuum rectifier
456	56		See 56
QK457	QK457		Miniature ruggedized pulsed magnetron, tunable
BL459	BL459		Microwave cavity
QK459	QK459		CW magnetron, tunable, modifier QK387 and 388
QK460	QK460		CW tunable magnetron, modified QK387 and 388
WL460	WL460		Transmitting and therapy type, triode amplifier. (Simmlar to FP252A, HF200, NU200)
X461	X461	2-240	High vacuum half-wave rectifier transmitting

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	Current Service		
Tube Type	Designation	Other Number	Class Description
WL463	WL463		Therapy type HF triode (similar to C300, HF300)
GL464	2C44		See 2C44
GL464A	2C43		See 2C43
QK464	6835		See 6835
WL464	WL464		Type WL460, except Mu is 60
ZP464	2C43		See 2C43
ZP464A	2C43		See 2C43
464	2C43		See 2C43
464A	2C43		See 2C43
QK465	QK 465		Magnetron-Same as QK301A except
ML466R	ML466R		with push pull tuner Transmitting triode, selected
OFACE	OFACE		version of 6697 Twin triode subminiature electro-
QF466	QF466		meter
QK466	QK 466		CW magnetron
466A	466 Å	466S	UHF special purpose
466S	466A		See 466A
WL468	WL468		Therapy type HF triode oscillator
ZP468	7BP7		See 7BP7
WL469	WL469		Therapy type HF triode (supersedes WL211)
ZP469	ZP469		Transmitting UHF triode (obsolete)
QK470	7484/QK470		See 7484/QK470
ZP470	316A		See 316A
GL471	471		Superseded by 471A (1B21A)
GL471A	471A		See 471A
WL471	8003		See 8003
ZG471A	471A		See 471A
471	471	1B21, GL471	Superseded by 471A (1B21A)
471A	471A	1B21A, ZG471A, GL471A	TR tube. Obsolete, no replacement needed. Break glass and leave air
QK472	QK472		gap Magnetron, similar to 2J42, 6527 and Z1960 series
WL472	WL472		Therapy type triode oscillator
472	7286		See 7286
GL473	GL473		FAC amplifier-three electrodes.
		*******	See WL5736 improved version
WL473	WL473	₩X3225	Small metal anode transmitting
QK474	QK474		Carcinotron (see QK421 also QK485 and 486)
X474	2C39A		See 2C39A
GL475	5FP7		See 5FP7
ZP475	5FP7		See 5FP7
QF477	QF477/5884		See 5884
WL477R	477R		See 477R
ZP477	12DP7		See 12DP7

	Current Service		
Tube Type	Designation	Other Number	Class Description
477R	477R	WL477R	Transmitting VHF tetrode power amplifier-Forced air cooled
QK478	5971		See 5971
WL478R 478R	478R 478R	WL478R	See 478R Transmitting VHF tetrode power amplifier-forced air cooled
QK479	QK479		Tunable magnetron, improved 2J51
WL479R	479R		See 479R
479 R	479R	WL479R	Transmitting VHF tetrode power amplifier-forced air cooled
QK480	QK480		Magnetron. See QK512
ZP480	5BP1		See 5BP1
480	80		See 80
GL481	GL481	ZA481	Diode gas switching tube (obsolete)
QK481	QK481		Carcinotron
X-481D	X-481D		Klystron, rugged reflex
ZA481	GL481		See GL481
481	81		See 81
QK482	QK 4 82 82		Carcinotron, X band See 82
482 482Å	62 482Ā		
402A	404A		Receiving power amplifier triode (nearest equivalent 71Å)
482B	182B/482B		See 182B/482B
GL483	483		See 483
QK483/6573	6573		See 6573
483	483	GL483, 183/483	Special 851, subsequently dropped in favor of 851
GL484	3J2 4		See 3J24
K484	6465		See 6465
QK484	QK484		Carcinotron
ZP484	3J24		See 3J24
484	3J24		See 3J24
GL485	3J25		See 3J25
K485	6466		See 6466
QK485	QK485		Carcinotron
ZP485 485	3J25 485		See 3J25 Receiving triode amplifier detector
			(obsolete)
GL486 QK486	3J26 QK486		See 3J26 Carcinotron
ZP486	3J26	VT-256	See 3J26
486	3J26	V 1-250	See 3J26
QK487	QK487		Magnetron, fixed frequency
GL488	12GP7		12GP7
QK488	QK 488		Magnetron, tunable, pulsed
WL488	WL488		Triode vacuum control tube
ZP488	12GP7		See 12GP7
488	12GP7		See 12GP7
QK489	QK489		Magnetron, similar to QK346
ZG489	ZG489	VT-282	Thyratron (obsolete)

_	L. T	Current Service		
1 0	ibe Type	Designation	Other Number	Class Description
CV	7490	CV490		Hi vacuum rectifier, prototype VX6021
	491	QF491		Subminiature dual electrometer
-	(492	QK492		CW, tunable magnetron
498	5	498		Transmitting triode (508 characteris-
OK	L4 99	QK499		tics). See also 508 Magnetron
	.5 00	GL500		Phototube
	500	5949		See 5949
	501	CK 501		Receiving pentode voltage amplifier
	501AX 501LX	CK501AX		Hearing aid type pentode. Obsolete
SSS		CK501LX SS501	R706, R7601	Resistance coupled pentode amplifier
501	lA.	01A	11/00, 11/001	U-shaped argon filled control tube See 01A
	502	CK502		Hearing aid type pentode amplifier with base (discontinued)
	502A 502AX	CK502Å		Subminiature pentode
	502AX 502	2E36 GL502	ZP502	See 2E36, similar to 2E35
	.502A	GL502 GL502A	502Å	Thyratron (See GL502A) Thyratron (metal version of 2050)
M50		M502	4 02	Magnetron, air-cooled (British)
•	502	5757		See 5757
SSS		SS502	K7610	Gas filled discharge tube. Obsolete
	502 50 2	VA502 GL502		Klystron
5 02		502		See GL502 Thyratron, gas tetrode
502		GL502A		See GL502A
502	2AX	2E35		See 2E35
	AY	2E36		See 2E36
502		502R		Obsolete. See also 5761
CK:		CK503		Hearing aid type pentode amplifier with base (discontinued)
	503AX 503X	5854 CK503X		See 5854 Hearing aid type pentode (with
				tinned leads) (discontinued)
M50		M503		Magnetron (British)
)3P2	154-265		See 154-265
VAS	-503	VA503 VR-503		Klystron
CK:		CK504		British tube Hearing aid type pentode amplifier
		0.1001		(discontinued)
CKS	504AX	CK504AX		Subminiature pentode amplifier. Obsolete
	504L	CL504L		Photoconductive cell
QKS		QK504		Magnetron, pulsed version of QK442 (QK362)
VAS		VA504	10E (150 11100)	Klystron
VUS	0.04	VU504	10E/150, V1901, CV1054	Transmitting diode rectifier
CK5	505AX	CK505AX	C V 1004	(British) Subminiature pentode amplifier
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	Current Service		
Tube Type	Designation	Other Number	Class Description
CK505X	CK505X		Hearing aid type pentode amplifier (discontinued)
DHR505	505		See 505
GL505	3J35		See 3J35
QK505	QK505		Magnetron, pulsed, tunable
505	2J45, 2J46, 2J47	DRH 505	See 2J45, 2J46, 2J47 Microwave duplexer
BL506	BL506		Hearing aid type pentode amplifier
CK506AX	CK506AX GL506		Diode gas rectifier
GL506 QK506	6228		See 6228
VA506	VA506	RE103	Klystron tube assembly
506	506	1111100	Diode gas rectifier (ignitron)
BL507	BL507		Short slot hybrid duplexer
CK507AX	CK507AX		Hearing aid type pentode amplifier.
			Obsolete
QK507	QK507		Stabilotron
RH507	RH507		Triode voltage amplifier (electro- meter tube)
QK508	QK 508	•	Magnetron, pulsed See 62 46. S ee also 498
508/6246	6246		See 6604
BL509 CK509AX	6604 CK509AX		Hearing aid type triode amplifier. Obsolete
GL509	889		Superseded by 889; see 889
GL509 GL509R	889R		Superseded by 889R; see 889R
P509	P509		Gaseous glow tube
OK509	QK509		Magnetron, improved QK241
CK510AX	CK510AX		Hearing aid type twin tetrode amplifier
GL510	857B		Superseded by 857B; see 857B
CK-511X	CK-511X		Subminiature receiving tube
QK511	QK511		Magnetron, modified QK389
BL512	BL512		Switching tube
CK512AX	512AX		See 512Å See 512Å
GL512	575A		See 575A
GL512A	575A OK512		Stabilotron, see also QK480
QK512 512	575A		See 575A
512AX	512AX	CK512AX	Subminiature pentode for hearing aid
BL514	BL514		Reference cavity-short slot hybrid - junction
GL515	GL515		Thyratron (obsolete, superseded by 4C35)
BL516	BL516		Hybrid duplexer, short slot
GL516	1P24		See 1P24
QK516	QK516		Magnetron tunable pulsed
VCR516	12DP7		See 12DP7
ZP516	1P24		See 1P24
516	1P24		See 1P24
DE0517	FG17		See FG17

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	Current		
i	Service		
Tube Type	Designation	Other Number	Class Description
DG0517	FG17		See FG17
ZP517	5CP1		See 5CP-
CK518AX	CK518AX		Subminiature hearing air output
CUTIONX	OKSIOAX		pentode
QK518	QK518		Backward wave oscillator
ZP518	5CP4		See 5CP-
BL519	BL519		Duplexer
BL520	BL520		Microwave duplexer
CK520AX	520B		Subminiature power amplifier pentode
	CK520AX		See 520B
GL520B		CI EOOD	Transmitting RF power amplifier
520B	520B	GL520B	oscillator (obsolete)
CK521AX	CK521AX		Subminiature pentode. Obsolete. Use CK524AX
CK521CX	CK521CX		Subminiature output pentode
DRJ521	DRJ521		Receiving interstage amplifier
D. 0021	5		(obsolete)
CK522AX	6088		See 6088
	3C22		See 3C22
GL522	*		See 3C22 See 3C22
ZP522	3C22		
52 2	3C22		See 3C22
CK523AX	CK523AX		Subminiature hearing air output pentode. Obsolete. Similar to CK525AX
X52 3	X523		Klystron
X523B	X523B		Klystron, reflex-integral cavity
X523F	X523F		Klystron, reflex
X523G	X523G		Klystron
CK524AX	CK524AX		Subminiature hearing aid output
ONJEAN	ONOZ II M		pentode. Obsolete. Similar to CK529AX
RJ524	RJ524		Non-microphonic amplifier (obsolete)
CK525AX	CK525AX		Subminiature hearing aid output
O110201111	3,10,20,10		pentode
WL525	304TL		See 304TL
525	304TL		See 304TL
			Subminiature hearing aid output
CK526AX	CK526AX		pentode
RJ526	RJ526		Triode vacuum control tube
ZP526	3DP1		See 3DP1
CK527AX	CK527AX		Subminiature hearing aid output pentode
QK527	OK527		Magnetron, tunable pulsed
ZP527	6C21		See 6C21
527	527		Transmitting UHF triode oscillator
527A	527A		Transmitting UHF triode
			Subminiature hearing aid pentode
CK528AX	CK528AX		Low filament current amplifier
DRJ528	DRJ528		(obsolete)
CK529AX	CK529AX	<	Subminiature hearing aid pentode

			,
	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
GL529	4C35		See 4C35
ZG529	4C35		See 4C35
QK530	QK530		Magnetron, tunable, ruggedized
			OK362
WL530	530		See 530
ZG530	1B30		See 1B30
530	530	WL530, VT-122	Transmitting triode amplifier
520.1	F20.1		water cooled. Replaced by 530A
530A	530A		Transmitting triode
CK531DX	CK531DX		Subminiature pentode
GL531	GL531	ZG531	Diode gap
QM531	QM531		Twin triode, similar 6J6W
WL531	531		See 531
ZG531	GL531		See GL531
531	531	WL531, VT-141	Transmitting diode vacuum rectifier
CK532DX	CK532DX		Subminiature pentode
GL532	532		See 532
GL532A	1B32/532A		See 1B32/532A
WL532	532		See 532
WL532A	1B32/532A		See 1B32/532A
ZG532	532		See 532
532	532	GA5 Ā , ZG532, WL532, GL532, GA4	Diode gas switching tube (replace with 1B32/532A)
532A	1B32/532A	GL302, GA4	See 1B32/532A
CK533AX	CK533AX		Subminiature pentode
T533P2	154-165		See 154-165
WL533	WL533		UHF triode, similar to VT98 (Br.)
CK534AX	CK534AX		Subminiature pentode
GL534	24154		See 24154
WL534	VT127A		See VT127A
WL534A	534Å		See 534A
534	VT127A		See VT127A
534A	534A	WL534A	Transmitting UHF triode
CK535AX	CK535AX		Subminiature pentode
WL535	304TH		See 304TH
535	304TH		See 304TH
CK536AX	CK536AX		Subminiature pentode
WL536	536		See 536
536	536	VT31 (Br.), WL536, CV1031	Transmitting tetrode
CK537AX	CK537AX		Subminiature pentode
WL.537	537		See 537
537	537	VT114(Br.), WL537	Transmitting HF tetrode
CK538DX	CK538DX	. 3 . 1 . 1	Subminiature pentode
QK538	OK538		Carcinotron
WL538	VT90 (Br.)/8011		See VT90 (Br.)/8011
538	VT90(Br.)/8011		See VT90 (Br.)/8011
CK539DX	CK539DX		Subminiature pentode
QK539	QK539		Magnetron, pulsed, fixed frequency
WL.539	539		See 539

	Current		
Tube Type	Service Designation	Other Number	Class Description
WL539A	539A		See 539A
539	539	WL539	Diode gas switching tube
539A	539Å	WL539A, 1B39	Diode gas switching tube
QK540	QK540		Backward wave oscillator, modified QK481
ZP540	3FP7		See 3FP7 Subminiature pentode
CK541DX GL541	CK541DX 541		See 541
ZG541	541 541		See 541
541	541	GL541, ZG541	Diode gas switching tube
CK542DX	CK542DX	323 11, 233 11	Subminiature pentode
ZP542	3HP7		See 3HP7
CK543DX	CK543DX		Subminiature pentode
T543P2	154-175		See 154-175
BL544	BL544		TR tube, similar to BL524
CK544DX	CK544DX		Subminiature pentode
RJ544	RJ544		Triode vacuum control tube (obsolete)
X545	X545		Klystron
CK546DX	CK546DX		Subminiature pentode
GL546	5663	5663	See 5663
QF546	QF546		Subminiature half wave rectifier. See QF781
CK547DX	CK547DX		Subminiature pentode
QK547	QK547		Klystron
RJ547	RJ547		Non-microphonic triode amplifier
ZG547	3C45		See 3C45
CK548DZ	6418		See 6418 See 12FP7
ZP548	12FP7 CK549DX		Subminiature pentode
CK549DX GL549	5663		See 5663
ZP549	9GP7		See 9GP7
QK550	QK550		Magnetron, modified QK457
RJ550	RJ550		Triode vacuum control tube
CK551AXA	CK551AXA		Subminiature diode pentode
DRJ551	DRJ551		Triode vacuum control tube
			(obsolete)
RJ551	RJ551		Triode vacuum control tube (obsolete)
X551D	X551D		Klystron
551	35		See 35 .
551AX	2E41		See 2E41
551AY	2E42		See 2E42
5518	35\$/51\$	•	See 35S/51S
GL553	1P23		See 1P23
QK553	QK553		Carcinotron
RJ553	RJ553		Triode vacuum control tube
553AX	2E31		See 2E31 See 2E32
553AY	2E32		
554	554		High vacuum clipper diode rectifier

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
DRJ555	DRJ555		Oscillator and current amplifier (obsolete)
QK555	QK555		Carcinotron
555	555		Klystron
555AX	2G21		See 2G21
555AY	2G22		See 2G22
CK556AX	5676		See 5676
QM556	6X4W		See 6X4W
ZP556	4AP10		See 4AP10
QM557 QM558	5654 5725/6AS6W	5725	See 5654 See 5725/6AS6W
558	558	3723	Shunt or rectifier diode
DRJ559	DRJ559		Low grid current amplifier
2.5005	D1 13 00 3		(obsolete)
GL559	559		See 559
QM559	5726/6AL5W		See 5726/6AL5W
559	559	GL559	Transmitting and receiving UHF diode detector (similar to 2B22)
560A	560 A		Magnetron. Similar to L3008 and 3018
CK561X	CK561X		Subminiature pentode, similar electrically to 3Q4
561	561		Diode
DRJ562	DRJ562		Current amplifier (obsolete)
GL562	562		See 562
562	562	GL562, F6660	Transmitting vacuum rectifier- Water cooled
RJ563	RJ 563		Triode vacuum control tube
X563	X563		Klystron
GL564	1P24		See 1P24
X564	X564		CW klystron, 2KW
X566 X566A	X566 X566A		Pulsed klystron, 20KW
ZJ566	ZJ566		Klystron, forced air cooled Phototube
CK568AX	5677		See 5677
CK569AX	5678	•	See 5678
CK569CX	5678		See 5678
569	569		Hydrogen thyratron
CK570AX	5697		See 5697
CK571AX	5886		See 5886
CK573AX	6029		See 6029
CK574AX	6281		See 6281
AM575A	575A		See 575A
EE575A WL575A	575A 575A		See 575A
WL575A 575A	5/5A 5 75A	UE975A, 975A, F375A,	See 575A Transmitting diode gas rectifier
JIJA	3131	GL512A, WL575A,	Transmitting arous gus recurrer
		AM575A, EE575A,	
		512,VT-187, 375A,	
		GL512	

	Current Service		
Tube Type	Designation	Other Number	Class Description
UE576X X576 576 576A	UE576X X576 576 576A		Hi vacuum rectifier, similar to 371B Pulsed klystron High vacuum clipped diode Hi vacuum clipper diode and rectifier, supersedes 576
GL577 WL577 ZP577 577	577 WLS77 577 577	GL5 7 7, 2 P577	See 577 Voltage regulator See 577 Transmitting hi vacuum half wave
X578 WL578 578	X578 8020 8020	323// , 2. 3 //	rectifier Ceramic transmitting tetrode See 8020 See 8020
WL579B 579B GL582 583 585 589	579B 579B GL582 583 50 589	WL579B	See 579B Diode hi vacuum half wave rectifier UHF diode Hi vacuum clipper diode rectifier See 50 Liquid cooled, HV clipper diode
X590 GL592 592	X590 592 592		rectifier, similar to 6339 Klystron, CW, water cooled See 592 Transmitting triode power amplifier oscillator
593 ZP594 ZP595 596 ZP597 X598 598 Z599 BL600 CK600AX EP600	593 ZP594 ZP595 596 ZP597 X598 598 Z599 6642/BL600 CK600AX EP600		HV, HW rectifier, identical to 577 except base Magnetron Magnetron Hi vacuum, full wave rectifier CW magnetron, 1KW Klystron medium power, tunable Tunable magnetron CW magnetron See 6642/BL600 Subminiature triode Corona discharge voltage regulator tube
L600N NL600 VXR600 600 BL601 CK602 ZP602 BL603 CK603 CL603A BL604 CK604A NL604	6C22 NL600 VXR600 600 8048 CK602 ZP602 BL603 CK603 CL603A 6646/BL604 CK604A NL604	2C41	See 6C22 Diode gas rectifier (similar to EL1C) Corona regulator Tunable magnetron See 8048 UHF pentode amplifier Transmitting triode Band pass TR tube Medium mu triode Photoconductive cell See 6646/BL604 Subminiature pentode Diode gas rectifier (similar to 4B24)

	Current Service		
Tube Type	Designation	Other Number	Class Description
BL605 GL605 BL606 CK606BX BL608 CM610	BL605 GL605 BL606 5704 BL608 CM610	ML101	Gas switching tube, TR Large transmitting Gas switching tube, ATR See 5704 TR tube Carcinotron
KU610 TR610 610 BL612	KU610 TR610/BL-T-033 5811 7152	7152/BL612	Thyratron, gas filled TR tube See 5811 See 7152
CK612 BL613 NL614 BL615	6AN5 6905 NL614 6648/BL615	, , , , , , , , , , , , , , , , , , , ,	See 6AN5 See 6905 Diode gas rectifier See 6648/BL615
HY-615 NL615 ZP615	615 NL615 ZP615	VT-235	See 615 Diode gas rectifier Obsolete. CW magnetron replaced by ZP685, ZP597 and A-133
615	615	нү615	Transmitting and receiving UHF triode amplifier oscillator (similar to British VR135)
ZP616 NL617	ZP616 NL617		CW magnetron Diode gas rectifier. Equivalent to CE205
NL618 NL618P	NL618 NL618P		Diode gas rectifier. Equivalent to EL6B Diode gas rectifier
BL619 CK619AX	BL619 CK619AX		TR tube band pass Triode, miniature, receiving tube
WL619 BL622 QKS622 WL-624 BL625	WL619 BL622 8129/QKS622 WL-624 6805	WX3260	Transmitting air-cooled TR tube See 8129/QKS622 Thyratron See 6805
NL625 KU627 NL627 627 CK628	NL625 KU627 NL627 KU627 6247	CE202 627 RX212	Diode gas rectifier Thyratron mercury vapor Diode gas rectifier See KU627 See 6247
KU-628 WL-629 629 QK630	KU-628 WL-629 WL629 QK630	RCA 885 , 629	Gas rectifier Gas filled thyratron See WL629 Stabilitron, water cooled
WL630 631P1	WL630 631P1	730 R4100, 1D21/631P1, SN4, 1D21, R4101	Tetrode (obsolete) use 2051 Cold cathode neon discharge tube
BL632	BL632	, ,	Broadband TR tube, version of BL37
QK632 WL-632	QK632 632		Magnetron See 632

	Current Service		
Tube Type	Designation	Other Number	Class Description
WL-632B	WL-632B		Thyratron
632	632	WL632	Thyratron
632A	632A		Thyratron-mercury
X633	X633		Hi power klystron
NL635	NL635		Diode gas rectifier, similar to EL6B
KU636	KU636		Gas rectifier
636	636		Gas thyratron
ZP638	ZP638		CW magnetron
ZP639	ZP639 KX642	WL642	CW magnetron
KX642	K X 042	WL042	Triode voltage arrester (protector tube). Obsolete
WT CAO	VVC12		See KX642
WL-642	KX642 6906		See 6902
BL643 NL643	NL643		Diode gas rectifier
7647	Z647		CW tunable magnetron
648P1	648P1	R4200	Cold cathode neon discharge tube
NL649	5834	114200	See 5834
NL649/5834	5834		See 5834
BL650	6396		See 6396
BL651	BL651		Dual TR tube
BL651H	BL651H/MXT-27		Dual TR tube with heater
WL-651/656	WL-651/656		Ignitron, see also 5552
BL652	BL652		Dual TR tube
WL-652	5551		See 5551
WL-652/657	5551		See 5551
NL653/5835	5835		See 5835
QK653	7577		See 7577
HK654	HK654		Transmitting triode
WL655/658	5553		See 5553
WL656	5552		See 5552
Z656	Z656		Ignitron
660	660		Vacuum rectifier
QK662	7156 OK663 A		See 7156
QK662A	QK662A		Pulsed packaged magnetron (7156 without mechanical tuner)
663B-129	663B-129		Radition counter neutron
QK665	8371		See 8371
QK666	8372		See 8372
Z666	Z666		CW magnetron, see also 5J32
QK668B	QK668B		CW Magnetron
Z668	Z668		Reflex klystrons See 672
₩L672 672	672 672	WL672, WX3172	Thyraton-mercury vapor
672A	672A	WL072, WX3172	Thyratron-mercury vapor Thyratron-mercury vapor
673	673		Diode gas rectifier, same at 575A
013	073		except base
2675	Z675	ZP675	Magnetran. Obsolete
ZP675	Z675	• • •	See Z675
KU676	676		See 676
WL676	676		See 676

	Current		,
Tube Type	Service Designation	Other Number	Class Description
	676	WL676, KU676	Thyratron mercury
676 WL-677	WL-677	677	Thyratron
ZP677	ZP677		Magnetron
677	WL677		See WL677
WL-678	678		See 678
678	678	WL678, WX3230	Thyratron, mercury vapor rectifier
EP680	7615/EP680		See 7615/EP680
WL681	5550		See 5550
WL681/686	5550	WY2104	See 5550
WL682	WL682	WX3194	Diode gas rectifier (ignitron) See 2C49
Z682 G683	2C49 5B21		See 5B21
QK685	7571/QK685		See 7571/QK685
685	685		CW magnetron-(see also 594)
	***		L band
QK686	7460/QK686		See 7460/QK686
WL686	5550		See 5550
BL693	7309		See 7309
ZP693	ZP693		Magnetron, replaced by L3002
SD698C	1207		See 1207 TR tube
Z698 BL700	Z698 BL700		Spark gap tube
BR-700	7SP7		See 7SP7
EP700	EP700		Corona discharge regulator tube
ML700	ML700		Triode RF heating oscillator-
			amplifier
WE700A	700A		See 700A
700A	700 A	WE700A	Magnetron (replace with 4J42)
700B	700B	i	Magnetron (replace with 4J42) Magnetron (replace with 4J42)
700C	700C 700D		Magnetion (replace with 4J42)
700D 700T	4J42		See 4J42
CE701	CE701		Lead sulphide phototube
WE701A	701A		See 701A
701A	701A	WE701A	Transmitting UHF tetrode amplifier
CE702	CE702		Lead sulphide phototube
CEA702-C2	CEA702-C2		Photocell
WE702A	702A	MERON A	See 702A
702A	702A	WE702A	Three-electrode gas switching tube (obsolete) Use 702B
7 02B	702B		Improved 702A
QK703	7572		See 7572
WE703A	368AS/703A		See 368AS/703A
703A	368AS/703A		See 368AS/703A
WE704A	704A	_	See 704A
704A	704A	WE704A, D159765,	Miniature UHF diode detector
	CLUMO C	225TQ, WE225TQ	Committee assessed deads
CK705	CK705		Geranium crystal diode See 705A
RK705Å	705A		See 705A
WE705A	705A		566 755A

•	Current		
Tube Type	Service Designation	Other Number	Class Description
705A	705A	WE705A, D159780, RK705A, 8021, 378A, WE378A, VT-255	Transmitting diode vacuum rectifier, half wave
705WA	705WA	,	Transmitting diode vacuum rectifier
R 706	SS501		See SS501 See 7G8
SD706	7G8		See 706 A
WE706A	706A 706AY		See 700A See 706AY
WE706AY 706A	706A	WE706A	Magnetron (obsolete). Use 706AY
706AY	706AY	WE706AY, WL443	Magnetron (replace with 2J61)
706B	706B		Magnetron (obsolete). Use 706BY
706BY	706BY		Magnetron (replace with 2J61)
706C	706C		Magnetron (obsolete). Use 706CY
706CY	706CY		Magnetron (replace with 2J61)
706 D	706 D		Magnetron (obsolete). Use 706DY
706DY	706DY		Magnetron (replace with 2J61 or 2J62)
706E	706E		Magnetron (obsolete). Use 706EY
706EY	706EY		Magnetron (replace with 2J62)
706FY	706FY		Magnetron (replace with 2J62)
706GY	706GY		Magnetron (replace with 2J62)
706T1	2J62		See 2J62
GK707	CK707		Germanium crystal diode See 707A
WE707A 707A	707 Å 707 Å	WE707A	Klystron. Obsolete. Superseded by
707A			707 B
707 B	707 B	QK26	Klystron. (Usually replaceable by 2K28)
CK708	CK708		Rectifier crystal unit
WE708A	708 A		See 708A
708A	708A	WE708Å	Receiving UHF triode amplifier converter (similar to 1272Y)
K709	K709		Klystron
WE709A	709Å	WESOO I	See 709A
709A	709Å	WE709A	Three-electrode gas switching tube Crystal diode, UHF
CK710	CK710 CK710		Carcinotron
CM710 Nt 710/6011	NL710/6011		Thyratron
NL710/6011 WE710A	VT90 (Br.)/8011		See VT90 (Br.)/8011
WL710A	WL710		Ballast tube
710A	VT90 (Br.)/8011	VT-240	See VT90 (Br.)/8011
CK711	CK711		Germanium crystal diode assembly
WE711A	711A		See 711A
WL711	WL711		Current regulator (ballast)
XR711	CE75V	WEGILL LOOM:	See CE75V
711A	711A	WE711A, 1287Y	Oscillator (British) Photoconductive cell
E712	E712		See 712A
WE712A	712A		Ballast tube
WL712X	WL712X 712A	WE712A	Superseded by 707A
712A	112M	114/14A	Deposition by 70771

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
,,			
712Y	712Y		Ballast tube
CK713	CK713		Germanium diode
OKH713	QKH713		Magnetron
WE713A	713A		See 713Å
		WEGIA	
713A	713A	WE713A	Receiving pentode amplifier
			(similar to 717A)
J-714	2J22		See 2J22
NL714	NL714		Thyratron (similar to FG17)
WE714A	714A		See 714A
WE714AY	714AY		See 714AY
714	2J22		See 2J22
714A	714A	WE714A	Magnetron. Obsolete. Use 714AY
714AY	714AY	WE714AY	Magnetron
NL715	FG17		See FG17
WE715A	715A		See 715A
WL715A	WL715		
	715A	WE715A	Neon glow lamp
715A	/13A	WE/ISA	Obsolete-superseded by 715B and 715C
715B	715 B		Transmitting pulse modulator tetrode.
1130	7130		Superseded by 715C
7150	715C		
715C	/15C		Improved type 715B. Similar to 5D21.
			Replaced by 4PR60A
CK716	CK716		Germanium crystal diode
WE716A	716A		See 716A
716A	716A	WE716A	Thyratron. Superseded by 722A
CK717	CK717		Germanium diode
WE717A	717A		See 717A
717A	717A	WE717A, VT-269	Receiving pentode amplifier
		·	oscillator
WE718A	718A		See 718A
WE718AY	718AY		See 718AY
718A	718A	WE718A	Magnetron (obsolete)
718AY	718AY	WE718AY	Magnetron
718B	718B	WE/IO/II	Magnetron (obsolete)
718BY	718BY		Magnetron
718C	718D1 718C		
			Magnetron (obsolete)
718CY	718CY		Magnetron
718D	718D		Magnetron (obsolete)
718DY	718DY		Magnetron (absolute)
718E	718E		Magnetron (obsolete)
718EY	718EY		Magnetron
SK719	1AB5		See 1AB5
WE719A	719A		See 719A
719A	719A	WE719A	Transmitting clipper diode
CK720	CK720		Junction transistor
WE720A	720A		See 720A
WE720AY	720AY		See 720AY
720A	720A	WE720A	Magnetron (obsolete)
720AY	720AY	WE720AY	Magnetron (replace with 4J45)
720B	720B		Magnetron (obsolete)
. 202	. 200		magnetion (opopieto)

Tube Type	Current Service Designation	Other Number	Class Description
720BY	720BY		Magnetron (replace with 4J46)
720B1 720C	720C		Magnetron (obsolete)
720CY	720CY		Magnetron (replace with 4J47)
720DY	720DY		Magnetron
720EY	720EY		Magnetron
CK721	CK721		Germanium transistor
WE721A	721A		See 721A
	721A	WE721A	Obsolete, superseded by 721B
721A 721B	721B		TR tube
	CK722		Germanium transistor
CK722 WE722A	722A		See 722Å
	722		Obsolete type
72 2	722A	WE722A	Thyratron (similar to 287A)
722A	723A	112,221.	See 723A
WE723A	723A 723A	WE723A	Replaced by 2K25
723A	2K25	1439XQ	See 2K25
723A/B	724A	1403714	See 724A
WE724A	724A 724A	WE724A, 1331	Replaced by 724B
724Å	724B	WE/24/1, 1001	TR tube
724B	725A		See 725A
WE725A 725A	725A 725A	1330M, WE725A	Magnetron (may be replaced with 2J53)
WE726A	726 A		See 726A
726Å	726A	WE726A	Klystron
726B	726B		Klystron
	726C		Klystron
726 C WE7 27A	727A		See 727A
	727A	WE727A	Cold cathode gas triode rectifier
7 27A	1211	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	relay regulator (obsolete) replace with 395A; Similar to 395A
WE728AY-GY	728AY-GY		See 728AY-GY
WL728	WL728		Phototube
728AY-GY	728AQ-GY	WE728AY-GY	Magnetrons. Replaced by 4J51
728T	WJ51		See 4J5l
QK729	QK729		Magnetron
WE729A	1B23		See 1B23
729A	1B23		See 1B23
WE730A	730A		See 730A
730	WL630		See WL630
730A	730A	WE730A	Magnetron, fixed frequency, pulsed
QK731	QK731		Magnetron
731A	6AK5		See 6AK5
WE732A	3B 2 4		See 3B24
732A	3B24		See 3B24
QK733	QK733		Magnetron
QKB734	7 530		See 7530
WL734	PJ22	•	See PJ22
WL735	868		See 868
735	868	See 868	
735 WL737	WL737		Gas phototube
11L/3/	110,0,		•

		•	3
	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
WL738	WI 720		Various shakkaka
	WL738		Vacuum phototube
CK739	CK739	EWD	Germanium diode
WL739	WL739	5WB	Gas phototube
NL740	NL740		Thyratron
NL741	NL741		Thyratron
WL741 CK742	923 CK 74 2		See 923
SD742	SD742		Germanium diode
			Type ILN5 with double screen (obsolete)
QKB747	7531/QKB747		See 7531/QKB747
QF748	QF748		Subminiature pentode
QKW750B	8128/QKW750B		See 8128/QKW750B
750T	750T		Transmitting triode amplifier. Obsolete
75 0TH	750TH		Transmitting triode amplifier. Obsolete
750TL	750TL	HK1054L,	Transmitting triode amplifier.
		3-750A2/750TL	Similar to 750TH
QF753	CK1030		See CK 1030
QF754	CK1031		See CK1031
WL756	756		See 756
756	756	WL756	Transmitting triode amplifier
SD759A	SD759A		Accelerometer
WL759	759		See 759
759	759	WL.759	Thyratron
CK760	ÇK760		Germanium transistor
CK761	CK761		Germanium transistor
CK762	CK762		Germanium transistor
WL-762	WL762		Pirani pressure indicating tube
QF766	QF766		Subminiature pentode. Similar to 6AJ5
QF767	QF767		Subminiature triode, low mu
WL767	WL767		Ultra-violet responsive phototube
WL769	WL769		Vacuum control tube (obsolete)
SN-770	SN-770		Subminiature tube (obsolete)
WL770	WL 7 70	·	Vacuum phototube
WL773	WL773		Ultra-violet responsive phototube
WL <i>7</i> 75	WL <i>7</i> 75		Ultra-violet responsive phototube
C778A	1947		See 1947
SA780	2C28		See 2C28
C781	1946		See 1946
QF781	QF781		Subminiature half wave rectifier. See QF546
SA781A	2E29		See 2E29
SA782B	2D29		See 2D29
C785	1949		See 1949
WL786	FG166		See FG166
C787A	1948		See 1948
WL788	WL788		Ballast tube
WL788Y	WL788Y		Ballast tube
WE1001	#E1001		Luitust tube

	Current Service		•
Tube Type	Designation	Other Number	Class Description
WL788Z WL789 WL790 C791 C796C C798B BL800 BL800A C800 GL800 TI-800 VA-800A	WL788Z WL789 WL790 1950 5734 5734 6780 6316 800 TI-800 VA-800A		Ballast tube Ultra-violet responsive phototube Thyratron See 1950 See 5734 See 5734 See 6780 See 6316 See 800 See 800 Phototransistor Klystron amplifier, 10KW, 1700-1930 Mc
VA-800B	VA-800B		Klystron amplifier, 10KW, 1930-2160 Mc
VA-800C	VA-800C		Klystron amplifier, 10KW, 2160-2400 Mc
800	800	RK30, C800, GL800, VT-64	Transmitting triode amplifier
C801A GL801 HY801A/801 NU801A/801 801	801A 801A 801A 801A 801A	UE310, HY801A/801, GL801, C801A, WE350D, 801, NU801A/801, 305D, VT-62, 801A/801	See 801A See 801A See 801A See 801A See 801A Transmitting triode amplifier
801A/801 GL802 VA-802A VA-802C VA-802D WL802 802	801A 802 VA-802A VA-802C VA-802D 802 802	WL802, GL802	See 801A See 802 Klystron, 1KW, 1700-1930 Mc Klystron, 1KW, 2160-2400 Mc Klystron, 1KW, 2450-2700 Mc See 802 Transmitting pentode amplifier oscillator (nearest equivalent
BL803 GL803 T803 VA-803B WL803 803	6781 803 803 VA-803B 803 803	RK28A, 28A, WE322A, WL803, GL803, T803, 322A, VT-106	RK25, RK25B) See 6781 See 803 See 803 Klystron, 1KW, 3700-4200 Mc See 803 Transmitting pentode amplifier
803A 803W	CE3A/B 803W	52211, VI-100	See CE3A/B Ruggedized version of 803.
GL804	804		Never made See 804

Tube Type	Current Service Designation	Other Number	Class Description
RCA804 SD804A VA-804A VA-804B 804	804 SD804A VA-804A VA-804B 804	GL804, RCA804	See 804 Subminiature triode Klystron amplifier, 4.4 to 4.5 KMc Klystron amplifier, 4400-5000 Mc Transmitting pentode amplifier (RK20A, nearest equivalent)
C805 GL805 NU805 RCA805 T805 VA-802B VA-805 VA805A VA-805B VA-805D 805	805 805 805 805 805 VA-802B VA-805 VA-805A VA-805B VA-805D 805	WE331A, 331A, UE905, RK57, C805, GL805, T805, NU805, RCA805, UE905A, VT-143	See 805 See 805 See 805 See 805 See 805 See 805 Klystron, 1KW, 1930–2160 Mc Klystron amplifier 5.8 to 6.4K Mc Klystron amplifier Klystron amplifier 5925–6425 Mc Klystron, 1KW, 6575–6875 Mc Transmitting triode amplifier
GL806 SD806C VA-806A	806 SD806C VA-806A	OESOST, VI IN	See 806 Subminiature tetrode Klystron amplifier, water cooled, not interchangeable with VA806B
VA-806B WL806 806 GL807 NU807 RK807 WL807 807	V A-806B 806 806 807 807 807 807	WL806, GL806 HY61/807, WL807, RK807, GL807, NU807, A4051, ATS25,	to RK39 except for capacitances;
807A 807 Modified 807W	807 A 807 Modified 5933	10E/587, VT-100, HY61, A4051J, VT60A (Br.) VT-100A	similar to British VT60, VT60A. See also 5933. Not directly interchangeable Transmitting beam power amplifier Superseded by 5933WA Transmitting beam power amplifier See 5933
807WA EE808 GL808 V A-808 808	5933WA 808 808 VA-808 808 809	38808, GL808, EE808 NU30Z, HY30Z, 30Z, WL908	See 5933WA See 808 See 808 Klystron amplifier, pulsed, fixed frequency Transmitting triode amplifier Transmitting triode amplifier Modulator-Multiplier

	Current Service		
Tube Type	Designation	Other Number	Class Description
GL810 VA-810 WL810 810	810 VA810 810 810	WL810, GL810	See 810 Klystron See 810 Transmitting triode amplifier (Type 1627 characteristics)
EE811 GL811 VA-811 VA811B VA811C WL811 811	811 811 VA811 VA811B VA811C/L3742 811 811	VT-127, WL811, GL811, EE811	See 811 See 811 Klystron amplifier Klystron amplifier Klystron amplifier See 811 Transmitting triode
811-A 811W	811A 811W		Improved 811 Transmitting triode (rugged)– obsolete
EE812 GL812 WL812 812	812 812 812 812	WL812, GL812, EE812	See 812 See 812 See 812 Transmitting triode. Replaced by
812-A GL813 NU813 QK813 T813 WL-813	812A 813 813 8182/QK813 T813 813	WL813, GL813, NU813, T813, VT-144	812A Modified version of type 812 See 813 See 813 See 8182/QK813 See 813 See 813 Transmitting tetrode (similar to British CV26)
CG814 GL814 T814 814	814 814 HV12/T814 814	RK47, GL814, CG814, VT-154	See 814 See 814 See HV12/T814 Transmitting tetrode amplifier (nearest equivalent RK48A/RK48,
GL815 WL815 815	815 815 815	WL815, GL815, VT-287	HV12) See 815 See 815 Transmitting HF twin pentode
. GL816 VA816J 816	816 VA816J 816	NU866JR/816, HY886JR, GL-816 VT-216	See 816 Pulse amplifier klystron Transmitting diode gas rectifier (Type 2B26 with plate connection at top)
VA818 T822 822S GL825 NU825 RCA825	VA818 HV27/T822 822S 825 T825 825		Klystron amplifier See HV27/T822 Transmitting triode amplifier See 825 See T825 See 825

	Current Service		
Tube Type	Designation	Other Number	Class Description
T825	T825	NU825	Transmitting UHF multi-element amplifier
VA825B	VA825B		Reflex klystron
VA825C	VA825C		Reflex klystron
825	835	GL825, RCA825	Transmitting UHF multi-element amplifier (obsolete) See 826
GL826 826	836 826	GL826	Transmitting UHF triode
620 GL827R	827R	GLOZO	See 827R
VA827B	VA827B		Klystron amplifier
827R	827R	GL827R	Transmitting UHF tetrode amplifier, air cooled
GL828	828		See 828
RCA828	829B		See 829B
SD828A	5638		See 5638
SD828E	5634		See 5634
SD828F	1W5		See 1W5
VA828	VA828		Klystron amplifier
WL828	828		See 828
828	828	WL828, GL828	Transmitting pentode amplifier
GL829	829B		See 829B
NU829	829B		See 829B
RK829	829B		See 829B
RK829B	829B		See 829B
S829	S829		Diode gas switching tube-No
			replacement tubes required; break
			glass, leave air gap
SD829	1B43	1 PT 050	See 1B43
829	829	VT-259	Transmitting UHF twin pentode amplifier oscillator. Superseded by 829B
829Å	3E29		See 3E29
829B	829B	NU829, RK829, RK829B, RCA828, GL829	Transmitting UHF twin pentode amplifier oscillator
C830B	830B		See 830B
GL830B	830B		See 830B
T830B	830B		See 830B
830	830		Transmitting triode amplifier.
000 D	0000		Replaced by 830B
830-B	830B	OSOD LIVEID COSOD	Transmitting triode amplifier •
		930B, HY51B, C830B, GL-830B, T830B, UE930B	
831	831		Transmitting triode amplifier
0011	0214		(obsolete)
831A	831A		Transmitting triode amplifier
GL832	832		See 832 See 832
NU832	832		DEE 032

	Current Service		
Tube Type	Designation	Other Number	Class Description
832	832	GL832, NU832, British VT88, 10E/9, VT-118	Transmitting UHF twin pentode amplifier (obsolete; superseded by 832A)
832A C833 GL833A T833A WL833A 833	832A 833A 833A 833A 833A	VT-286	Transmitting twin pentode amplifier See 833A See 833A See 833A See 833A See 833A
833A GL834	833A 834	C833, 833, WL833A, GL833A, T833A	Transmitting triode amplifier oscillator See 834
SD834 834	6K4 834	BW11, GL834, WE304B	See 6K4 Transmitting UHF triode amplifier oscillator (nearest equivalent is UH50; similar to 8019 and British types NT58, NT58A, VT62 and DET12 except for British 4-pin base)
GL835 SD835H SD835K 835	835 6BL6 6BM6 835	GL835	See 835 See 6BL6 SEE 6BM6 Replace with 38111A (similar to
EE836 GL836 RK836 \$836 \$B836	836 836 836 1960 SB836		211C 311C, 1984, GE1144A) See 836 See 836 See 836 See 1960 Diode gas switching tube
SD836 836	SD836 836	38266Å, GL836, RK836, EE836, VT-236	Subminiature type pentode amplifier Transmitting diode vacuum rectifier (nearest equivalent RK21)
836A GL837 RK837	836A 837 837		Transmitting diode vacuum rectifier. Replace with 836 See 837 See 837
WL837 837	837 837	RK44, RK837, WL837 , GL837, A4002B, VT-101	See 837 Transmitting pentode amplifier
C838 GL-838 NU838 SD838	838 838 838 SD838		See 838 See 838 See 838 Receiving lock-in type special version
T838 WL838 838	838 838 838	NU838, UE938, R K58, C838, WL838, GL838, T838	of 1626 See 838 See 838 Transmitting triode amplifier

	Current		3
	Service		
Tube Type	Designation	Other Number	Class Description
839	839		Transmitting tetrode amplifier (for replacement only)
GL840	840		See 840
840	840	GL840	Receiving RF pentode (obsolete)
C841	841		See 841
GL841	841		See 841
PT841	841		See 841
841	841	UE941, DE941, 841A, C841, PT841, GL841, VT-51	Transmitting triode amplifier
841A	841		See 841
841SW	841SW		Transmitting triode amplifier
GL842	842		See 842
PT842	842		See 842
842	842	UE942, PT842, GL842, VT-72	Transmitting triode amplifier
GL843	843		See 843
RCA843	843		See 843
S84 3B	1961		See 1961
843	843	RCA843, GL843, VT-73	Transmitting triode amplifier
844	844		Transmitting tetrode amplifier (obsolete)
C845	845		See 845
GL845	845		See 845
NU845	845		See 845
R845	845		See 845 See 845
T845	845		See 845
UV845	845		See 845
WL845 845	845 845	T845, 845B, C845, 3945, UE945, 38145, R845, WL845, UV845, GL845, NU845, VT-43	Transmitting triode amplifier (will replace 284D in all but a few RF applications)
845B	845		See 845
845W	845W		Ruggedized version of 845
GL846	846		See 846
ML846	846		See 846
RCA846	846		See 846
\$B846	2C36		See 2C36
SB846A	2C37		See 2C37
SB846B	5764		See 5764
SB846D	5764		See 5764
SB846F	6018		See 6018 See 5767
\$B846H	5767 846	GL846, F346A,	Transmitting triode amplifier
846 SD9 47 A	846 1840	RCA846, ML846, 146	oscillator-water cooled See 1B40
SD847A	1B40 848	F348A	Transmitting triode amplifier
848	848	1 340V	oscillator (obsolete)
A849A	849A		See 849A

	Current Service		•
Tube Type	Designation	Other Number	Class Description
A849H	849H		See 849H
C849	849		See 849
C849A	849A		See 849A
C849H	849H		See 849H
F849	849		See 849
GL849	849		See 849
RCA849	849		See 849
SD849B	3J22		See 3J22
UE849	849		See 849
WL849	849		See 849
849	849	COAD TIEDAD LIEDAD	
043	043	C849, UE849, UE949, 296A, GL849, F849, WL849, RCA849, UE49	Transmitting triode amplifier oscillator
849A	849A	C489A, A849A	Transmitting trieds amplifier
849H	849H	C849H, A849H	Transmitting triode amplifier
04311	04311	C04311, A04311	Transmitting triode amplifier
GL850	850		(special 849Å for HF therapy)
650	850	GL850, VT-60	See 850
C851	851	GL630, V1-00	Transmitting tetrode amplifier See 851
GL-851	851		See 851
RCA851	851 851		See 851
UV851	851		See 851
WL851	851	[IPOE] 2172 COE1	See 851
851	851	UE951, 2172, C851, WL851, UV851, GL851, RCA851, VT-41	Transmitting triode amplifier
C85	852		See 852
GL8.	852		See 852
A8	852		See 852
B 52	852	UE952, 952, C852, RC A852 , GL852	Transmitting triode amplifier
\$853	1B25	·	See1B25
853	853		Obsolete
HK854H	450TH		See 450TH
HK854L	450TL		See 450TL
854	854		Obsolete
854H	450TH		See 450TH
855	855		Rectifier (obsolete)
S856	OA2		See 0A2
856	856		Rectifier (for replacement only)
F857A	857A		See 857Å
F857B	857B		See 857B
GL857A	857A		See 857A
GL-857B	857B		See 857B
WL-857B	857B		See 857B
857A	857A	EB42, F857A, GL857A	Transmitting diode gas rectifier
20111	55/11	LD III, 1 00/11, GLOO/IN	superseded by 857B

	Current Service		
Tube Type	Designation	Other Number	Class Description
857B	857B	WL857B, F357A, 3072, F857B, GL857B, 3815B, EB42, GL510	Transmitting diode gas rectifier similar to WE266C)
F858	858		See 858
GL858	858		See 858
BCA858	858		See 858
858	858	3717, F858, GL858, RCA858	Transmitting triode amplifier Water-cooled
\$859	OC2		See 0C2
859	859		Receiving triode amplifier (obsolete)
GL860	860		See 860
UX860	860		See 860
WL860	860		See 860
860	860	3119, WL860, GL860,	Transmitting tetrode amplifier
		UX860, VT-17	-
GL861	861		See 861
ML861	861		See 861
P861	P861		Receiving duodiode rectifier
QF861	6540		See 6540
UV861	861		See 861
861	861	3124A, GL861, UV861, ML861, VT-19	Transmitting tetrode amplifier
861A	861A		Transmitting tetrode amplifier
F862	862A		See 862A
F862A	862A		See 862A
GL862	862A		See 862A
GL-862A	862A		Se e 862Å
RCA862	862A		See 862A
WL862	862A		See 862A
862	862		Transmitting triode amplifier
002	002		Superseded by 862A (Type F898 characteristics)
862A	862 A	F862, GL862, RCA862, GL862A, F862A, WL862, 3675	Transmitting triode amplifier- Water cooled
F863	863	2002, 00.0	See 863
F863A	863		See 863
RCA863	863		See 863
	863	RCA863, F863A,	Transmitting RF power amplifier
863		F863, F363A	modulator oscillator (obsolete, superseded by 892)
GL864.	864		See 864
HY864	864		See 864
864	864	3864Å, GL864, VT-24, HY864, 264	Receiving triode amplifier (low microphonic noise)
GL865	865		See 865
WL865	865		See 865
865	865	865A/865, 3394, WL865, GL865, VT-55	Transmitting tetrode amplifier
865A/ 865	865	·	See 865

	Current Service		
Tube Type	Designation	Other Number	Class Description
C866 C866A CE866A/866 EE866A/866 GL866A/866 HY866JR	866A 866A 866A 866A 816		See 866A See 866A See 866A See 866A See 816 (similar to 866A with ½
KY866 NU866A/866 NU866JR/816 RCA866A RK866 T866A/866 T866B UX866 WL866A/866 866	KY866 866A 816 866A RK866 866A 866B 866A 866A	VT-46 C866A, C866, RCA866A,	rating) Grid controlled gas rectifier See 866A See 816 See 866A Transmitting diode rectifier See 866A See 866B See 866A See 866A See 866A Transmitting diode gas rectifier
		UE966, UE966A, 966, 966A, WL866A/866, GL866A/866, 3069, UE966A, 38166, UX866, RK866, T866A/866, CE866A/866, 3572, EE866A/866, British CV32, Z225, GU12, 866, F366A, VR216A	(superseded and replaced by 3B28)
1866 B	866B	T866B	Transmitting diode gas rectifier (obsolete)
866JR 867 868	2B26 867 868	59A4, PJ23, WL735, 735,	See 2B26 Superseded by 868 Gas phototube (similar to 1P23; see
868/PJ-23 CE869B EE869B F869B GL-869B RCA869A RDA869A UV869 UV869 UV869A WL-869B	868 869B 869B 869B 869B 869A 869A 869A 869B 869B	CE1D, 868/PJ23, G9 VT-39	1P23). Red-infra-red sensitive See 868 See 869B See 869B See 869B See 869B See 869A See 869A See 869A See 869B Transmitting diode gas rectifier. Superseded by 869 and 869B
869A	869A	VT-39A, RDA869A, UV869, RCA869A	Transmitting diode gas rectifier (superseded by Type 869B)

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
869B	869B	3071, F869B, UV869A, WL869B, GL869B, CE869B, F369B, EE869B	Transmitting diode gas rectifier (similar to WL424)
GL870	870A		See 870
GL-870A	870A		See 870A
RCA870	870A		See 870A
870	870	GL870	Superseded by 870A
870A	870Å	RCA870, GL870A	Transmitting diode gas rectifier (for replacement only)
GL871	871		See 871
871	871	4102, GL871, UE971, 971	Transmitting diode gas rectifier (obsolete)
BB872AA	872A		See 872A
C872A	872Å		See 872A
CE872A	872A		See 872A
F872A	872Å		See 872A
F872B	872A		See 872A
GL-872A	872Å		See 872A
GL872A/872	872Å		See 872A
NU872A/872	872A		See 872A
RCA872A	872A		See 872A
T872A/872	872A		See 872A
WL872A/872	872A		See 872A
872	872A	VT-42	See 872A
872A	872A	NU872A/872, C872A, UE972A, 972, 972A, RCA872A, UE972, F353, T872A/872, 3070, GL872A, CE872A, WL872A/872, F872B, GL872A/872, BB872A, 872, F353A, 872A/872 F872A	Transmitting diode gas rectifier (similar to 8008, WE319A, and 4B32)
872 (Special Fil.)	872	VT-42A	Transmitting diode gas rectifier
EE873	873		See 873
T873	873		See 873
873	873	UE973, 973, WT230, T873, EE873, UX973	Thyratron
E874	E-874		Subminiature pentode
GL874	874		See 874
874	874	3918, GL874	Diode voltage regulator
T875A	875A		See 875A
875A	875A	T875A	Transmitting diode gas rectifier
876	876		Ballast tube (obsolete)
GL878	878		See 878
878	878	GL878, REL-16, 878A, REL52	Special purpose diode vacuum rectifier
878A	878	REL52	See 878
879	2X2A		See 2X2A

	Current. Service		
Tube Type	Designation	Other Number	Class Description
GL-880	880		See 880
ML880	880		See 880
O\$880	OS880		Bureau of Ordnance specification
			number for GL299
WL880	880		See 880
880	880	WL880, GL880, ML880	Transmitting triode amplifier modulator. Water cooled
WL881	881		See 881
881	881	WL881	Transmitting diode gas rectifier
GL884	884		See 884
RX884	884		See 884
884	884	VT-222, GL884, 6Q5G, RX884	Thyratron gas triode. Type 885 characteristics
884W	884W		Ruggedized version of 884
GL885	885		See 885
RCA885	WL629		See WL629
RX885	885		See 885
885	885	GL885, 2B4, RX885	Thyratron. Type 884 characteristics (similar to WL629)
886	886		Ballast tube (obsolete)
GL887	887		See 887
887	887	GL887	Transmitting UHF triode amplifier oscillator (obsolete)
GL888	888		See 888
888	888	GL888	Transmitting UHF triode amplifier oscillator (obsolete)
GL889	889		See 889
GL889R	889R		See 889R
WL889	889		See 889
WL889R	889R		See 889R
889	889	GL889, WL889, GL509	Transmitting triode amplifier modu- lator-Water cooled (superseded by 889A)
889A	889A	•	Improved 889
889R	889R	WL889R, GL889R, A2551A, GL509R	Transmitting triode amplifier modulator (superseded by 889RA)
889RA	889RA	A2251B	Transmitting triode amplifier- modulator. Replaced by 5667
F891	891		See 891
F891R	891R		See 891R
GL891	891		See 891
GL891R	891R		See 891R
RCA891	891		See 891
RCA891R	891R		See 891R
WL891	891		See 891
WL891R	891R		See 891R
891	891	F892, RC891, GL891, WL891	Transmitting triode amplifier modu- lator-Water Cooled
891M	891M		Modified version of 891

	Current		
Tube Type	Service Designation	Other Number	Class Description
891R	891R	F891R, RCA891R, GL891R, WL891R,	Transmitting triode amplifier modu- lator-Forced air cooled
F892	892		See 892
F892R	892R		See 892R
GL892	892		See 892
GL892R	892R		See 892R
RCA892	892		See 892
RCA892R	892R		See 892R
WL892	892		See 892
··· -	892R		See 892R
WL892R		TOO DO LOO OT OO	Transmitting triode amplifier modu-
892	892	F892, RCA892, GL892, WL892	lator-Water cooled (superseded GL452). Similar to 5668
892M	892M		Modified version of 892
892R	892R	F892R, RCA892R,	Transmitting triode amplifier
09211	03211	WL892R, GL892R	modulator
F893	893	,	See 893
F893R	893R		See 893R
GL893	893		See 893
GL893R	893R		See 893R
			See 893
ML893	893		See 893
RCA893	893		See 893
WL893	893	DC4003 ML003 F003	
893	893	RCA893, ML893, F893, GL893, WL893	Superseded by 893A
893A	893A		Transmitting triode amplifier modulator-Water cooled
893AR	893AR		Forced air cooled. Transmitting triode
893R	893R	GL893R, F893R	Transmitting triode (superseaed by 893AR)
WL895	895		See 895
WL895R	895R		See 895R
895	895	WL895	.Transmitting triode, water cooled
895R	895R	WL895R	Transmitting triode
RCA896	5620		See 5620
WL896	5620		See 5620
896	5620		Ballast tube, see 5620
RCA897	897		See 897
897	897	RC A897	Ballast tube (obsolete. For replace-
			ment only)
F898 .	898A		See 898A
GL898	898 A		See 898A
GL898A	898A		See 898A
RCA898	898A		See 898A
WL898	898A		See 898A
	898A		See 898A
898 808 A		ESOS ECYSOS CISOS	Transmitting triode amplifier modu-
898-A	898 A	F898, RCA898, GL898, WL898, GL898A, 898	lator-Water cooled
WL899A	899A		See 899A

Current Service	
Tube Type Designation Other Number	Class Description
899A 899A WL899A	Transmitting triode amplifier modul- lator-Water cooled
GL901 901	See 901
RCA901 901	See 901
S901C 5651	See 5651
901 901 GL901, RCA901	l "Crater" tube (glow discharge)
GL902 902P1	See 902P1
902 902P1 GL902	See 902P1
902A 902P1A	See 902P1A
902P1 902P1 902, GL902	Cathode ray tube
902P1A 902P1A 902A	Zero Ibl version of 902P1
002.	Cathode ray tube (obsolete)
903 903	See 904
GL904 904	
904 904 GL904	Cathode ray tube (obsolete)
UE905 805	See 805
UE905A 805	See 805
905 905	Cathode ray tube. Replaced by 905A
905A 905A	Zero Ibl version 905
906P 3AP	See 3AP
GL907 907	See 907
907 907 GL907	Cathode ray tube. Obsolete. Use 905A
GL908 908	See 908
WL908 809	See 809
908 908 GL908	Cathode ray tube (Type 3APelec- trical and physical characteristics) Replaced by 908A
908Ā 908Ā	Cathode ray tube
909 909	Cathode ray tube (Type 905 elec- trical and physical characteristics)
910 910	Cathode ray tube (type 3AP elec- trical and physical characteristics)
911 911	Cathode ray tube (Type 3AP elec- trical and physical characteristics)
911CH 911CH	Transmitting triode amplifier
SD912 SD912	Equivalent to two gun tube. Cathode
	ray tube, similar 5FP
912 912	Cathode ray tube
GL913 913	See 913
913 913 GL913	Cathode ray tube. Obsolete
914 914 GL14	Cathode ray tube
	Cathode ray tube
• • • • • • • • • • • • • • • • • • • •	See 4J59
3	See 4J58
QK15B 4J58	
QK915C 4J57	See 4J57
GL917 917	See 917
SD917 5637	See 5637
SD917A 5637	See 5637
917 917 CE11V, GL917 NU11V, 11V	

	Current Service	,	,
Tube Type	Designation	Other Number	Class Description
GL918	918		See 918
918	918	VT-246, CE1C, GL918	Gas phototube (red-infra-red sensitive)
GL919	919		See 919
919	919	NU31V, CE31V, CE31VD, GL919, 82AV4	Vacuum phototube
919A233G01 GL920	919A233G01 920		Photomultiplier tube assembly
920	920	CE21C, GL920, 60A3	See 920 Gas twin phototube
GL921	921	02210, 02320, 00/13	See 921
921	921	GL921	Gas phototube red-infra-red
G1			sensitive
GL922	922 OV D000	,	See 922
QKB922 922	QKB922 922	GL922	Backward wave oscillator
GL923	923	GL922	Vacuum phototube red-infra-red sensitive See 923
923	923	84A3, GL923, WL741,	Gas phototube red-infra-red
		VT-252	sensitive
GL924	924		See 924
924 CL 025	924	CE22D, GL924	Gas phototube; see 1P41
GL925 925	925 925	GL925	See 925
GL926	926	GL923	Vacuum phototube (red-infra-red sensitive) See 926
926	926	GL926	Vacuum phototube (violet-green
Ct oon	007		sensitive)
GL927 927	927 927	1D22 MILION MILIONO	See 927
		1P32, NU20, NU20C, GL927, 51A3, G15F, CE25C, CE25D, NU25C; 53AWB	Gas phototube (red-infra-red sensitive); (similar to CE36C which has shorter base)
GL928	928	CTOOD OF OOD OF	See 928
928 St. 620	928	CE28D, GL928, 85A4, 59D	Gas phototube (red-infra-red sensitive)
GL929 929	929	CLUQU ETDAS	See 929
GL930	929 930	GL929, 61DV3	Vacuum phototube (blue sensitive). Replaced by 1P39 See 930
UE930B	830B	HY51B	See 830B Obsolete
930	930	GL930, CE30C, 61A3	Gas phototube (infra-red sensitive)
930B	830B		See 830B
CW-931	205B		See 205B
GL931	931		See 931
GL931A	931A ·	CI 0314	See 931A
931A 931	931A 931	GL931A GL931	Vacuum multiplier phototube (blue
931AY	931VA	GE331	Obsolete, replace with 931A sensitive) (selected 931; see 1P21) See 931VA
			555 551771

.	Current Service		
Tube Type	Designation	Other Number	Class Description
931 V A	931VA	931AY	931Å with low-loss phenolic base. 931VÅ with micanol base is 2031
932	932	32E	1229 aged for grid stability; replace with 1229
CW-933	203B		See 203B
933	933		Vacuum phototube. Obsolete
BL934	BL934	MK13	Dual TR tube
BL934A	BL934A	MK14	Dual TR tube
934	934		Miniature vacuum phototube
GL-935	935	CT ODE	See 935
935	935	GL935	Vacuum phototube (ultra-violet sensitive)
RCA936	1P24		See 1P24
936	1P24		See 1P24
UE938	838		See 838
DE941	841		See 841
UE941	841		See 841
UE942	842		See 842
SN944 UE945	5633		See 5633
SN946	845 5647		See 845 See 5647
SN947	5640		See 5640
SN947C	5640		See 5640
SNO48	5644		See 5644
SN 949	5643		See 5643
SN949B	5643		See 5643
SN949C	5643		See 5643
UE949	849		See 849
UE949H	UE949H		Transmitting triode (HF version of 849)
950	950		Receiving pentode amplifier (similar to 1J5G and 33)
UE951	851		See 851
951	1B4P/951		See 1B4P/951
UE952	852		See 852
952	852_		See 852
HK953B	953B		See 953B
HK953D	953D		See 953D
HK953E	953E		See 953E
SN953	5639		See 5639
SN953A SN953D	5639 5630		See 5639
	5639		See 5639
953 953B	953 · 953B	4B33, HK953B	Australian acorn type Transmitting diode vacuum rectifier
953D	953D	5B33, HK95 3 D	Transmitting diode vacuum rectifier
953E	953E	7B33, HK953E	Transmitting diode vacuum rectifier
SN954C	5641	, 2007 1110000	See 5641
954	954	VT-120, VR-95(Br.), ZA2	Receiving pentode, acorn
GL955	955		See 955

	Current Service		
Tube Type	Designation	Other Number	Class Description
SN955 SN955B 955	5635 5635 955	VR59 (Br.), HA2, VT-121, GL955, 10E/11452	See 5635 See 5635 Transmitting and receiving acorn type triode
GL956 SN956 SN956A SN956B 956 BL957 SN957	956 5642 5642 5642 956 BL957 5645	GL956, VT-238	See 956 See 5642 See 5642 See 5642 Receiving acom type pentode TR tube See 5645
SN957A 957 GL958 958	5645 957 958A 958	VT-237 VT-212	See 5645 UHF triode, acom See 958A Superseded by 958A
958A GL959	958A 959 959	GL598 GL959	Transmitting and receiving accom type triode See 959 Transmitting and receiving accom
959 V960 BL962 SN966	VO133 BL962 SN966	GESSS	type pentode See VO133 Pre TR tube Subminiature low microphonic pentode
UE966 UE966A 966 966A BL967 UE967 967 SC968 SC968B SC-969C SN969	866A 866A 866A 866A BL967 FG17 FG17 SC968 5987 SC-969C SN969	MK12	See 866A See 866A See 866A See 866A TR tube See FG17 See FG17 Low Mu triode See 5987 Half wave hi vacuum rectifier Low voltage rectifier
SB970 : SA971 UE971 971 SN972 SN972D UE972 UE972A 972 972A BL973 SN973 SN973B	SB970 SA971 871 871 SN944 5899 872A 872A 872A 872A 872A 872A 872A 872A	MCT11	Twin pentode RF power oscillator Low drain secondary emission pentode S ee 871 See 871 Long life version of 5633. See SN944 See 5899 See 872A See 872A See 872A See 872A TR tube Long life version of 5634 See 5840

	Current Service		
Tube Type	Designation	Other Number	Class Description
SN973C UE973	5840 873		See 5840 See 873
UX973 973	873 873		See 873 See 873
QKK974 SN974	QKK974 SN974		Klystron amplifier Long life version of 5639
S N974B	5639		See 5639 Subminiature duodiode triode
SN975 UE975A	SN975 575A		See 575A
975A SN976	575A 5902		See 575A See 5902
SN976D	5902		See 5902 Long life version of 5641
SN977 SN978	SN977 SN978		Long life version of 5647
SN979 SN979D	5718 5718		See 5718 See 5718
SN980 SN980D	5719 5719		See 5719 See 5719
SN981	SN981		Long life version of 5644 See 5644
SN981B BL982	5644 BL982		Dual TR tube
SN982 SN983	SN982 SN983		Long life version of 5643 Subminiature RF pentode
SN983B QK984	5905 QK984 or L3441Å	L3441A	See 5905 Backward wave oscillator
SN984	SN984 5908		Subminiature mixer See 5908
SN984A QK985	QK985 or L3444A	L3444A	Backward wave oscillator
SN985 SN985B	SN985 5906		Subminiature RF pentode See 5906
985 SN986	985 SN986		Receiving duodiode rectifier Subminiature mixer (similar to 6AS6)
SN986B 986	5916 986		See 5916 Receiving duodiode rectifier
SA987 SA988	SA987 SA988		Low drain secondary emission pentode Subminiature low Mu triode
SD988C	5904		See 5904 Subminiature duodiode
SA989 SD989B	SA989 5903		See 5903
SA990 SD990B	SA990 5907		Subminiature remote cut-off pentode See 5907
SA991	SA991		Receiving subminiature AF power amplifier
991 SA992	991 SA992	Navy VG-8, NE16	Receiving voltage regulator Subminiature high Mu triode
SD992C	5898		See 5898 Subminiature low Mu triode
SA993 SD993C	SA993 5897		See 9897 TR tube
BL994	BL994		111 tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
SA994 SD994B SA995 SD995B SA996 SD996B SD997 SD998 4-1000 BR1000 BX10000	SA994 5896 SA995 5900 SA996 5901 SD997 SD998 4–1000 10QP7 6710		Subminiature duodiode See 5896 Subminiature remote cut-off pentode See 5900 Subminiature sharp cut-off pentode See 5901 High Mu triode High Mu triode with feed back probe Transmitting power tetrode See 10QP7 See 6710
EC1000 H1000 V-1000 VXR-1000 1000 1000 Special 1000T 1000UHF	8254 5C22 1N33 VXR-1000 1000UHF 6C21 1000UHF 1000UHF	1000, 3-1000A4/1000T, 1000T	See 8254 See 5C22 Crystal rectifier Corona regulator tube See 1000UHF See 6C21 See 1000UHF Reansmitting triode
R1001 SR1002	3C36 \$R1002	10001	See 3C36 Subminiature triode (similar to 6K4 Replaced by SR1195-A
CK1003 CK1003/OZ4A 1003 1003/OZ4A CK1004	OZ4A/1003 OZ4A/1003 OZ4A/1003 OZ4A/1003 1004	•	See OZ4A/1003 See OZ4A/1003 See OZ4A/1003 See OZ4A/1003 See 1004
1004 CK1005 H1005 1005	1004 1005 H1005 1005	CK1004 VT-195, CK1005, QMG159	Receiving duodiode gas rectifier See 1005 Direct view storage tube, two-guns Receiving duodiode gas rectifier, full
CK1006 SN1006 1006 A1007	1006 5646 1006 A 1007	CK1006, VT-249	wave See 1006 See 5646 Receiving duodiode gas rectifier Tunable packaged megnetron. Obso-
A1007A	A1007A		lete. Use A1007A Tunable packaged magnetron.
CK1007 SN1007 SN1007A 1007 1007 (Anton) A1008 CH1008 CK1008 1008 (Anton)	1007 5636 5636 1007 1007 (Anton) A1008 CH1008 1008 (Anton)	CK1007	Replaced by A1032 See 1007 See 5636 See 5636 Receiving duodiode gas rectifier Counter tube Tunable magnetron, CW Miniature gas triode pulse generator See 1008 Counter tube

Tube Type	Current Service Designation	Other Number	Class Description
1008	1008	CK 1008	Receiving duodiode rectifier.
CK 1009 CK 1009/BA ZV 1009 1009	1009/BA 1009/BA 7049 1009/BA		Use 1005 See 1009/BA See 1009/BA See 7049 See 1009/BA
1009/BA	1009/BA	CK1009, BA, 1009, CK1009/BA	Receiving duodiode gas rectifier
CD1010CL CK1010 H1010 H1010-CP20	VG-11 1010 7222 H1010-CP20	NE-2	Neon lamp See 1010 See 7222 Direct view storage tube
1010 CK1011A CK1012 H1012	1010 1B48 CK1012 7220	CK 1010	Receiving duodiode gas rectifier See 1B48 Receiving duodiode gas rectifier See 7220
A1013 CK1013	A1013 5517		Tunable packaged magnetron. Obsolete. Use A1007A See 5517
B1014P4 SC1016C SN1016A CK1017	B1014P4 SC1016C SN1016A 5962		Cathode ray tube Long life version of 5634 Subminiature sharp cut-off pentode See 5962
SC1017C SN1017A CK1018 E1018 A-1019	SC1017C SN1017A CK1018 E1018 A-1019		Long life version of 5633 Subminiature sharp cut-off pentode Geiger-Mueller counter tube Subminiature pentode CW magnetron, tunable, similar to A1032
CK1019 CK1020 CK1021 CH1022	CK 1019 CK 1020 CK 1021 CH1022		Geiger-Mueller counter tube Geiger-Mueller counter tube Geiger-Mueller counter tube Half wave gas rectifier, similar to 4B32
CK1022 NL1022 CK1023 K1023	CK1022 NL1022 CK1023 K1023		Diode voltage regulator Ignitron Geiger-mueller counter tube 1 inch, curved face, single beam cath-
SD1023 CK1024 E1024 SD1024 B1026 CK1026 CK1027 CK1028	SD1023 CK1024 VT114 (Br.) 6AZ5 3WP CK1026 6174 CK1028		ode ray tube, magnetic focus UHF probe diode Full wave gas rectifier See VT114 (Br.) See 6AZ5 See 3WP Geiger-Mueller counter tube See 6174
CK1026 CK1029 CK1030 CK1031	CK 1028 CK 1039 CK 1031	QF753 QF754	Half wave gas rectifier Geiger-Mueller counter tube Spark gap tube Spark gap tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
CV1031 A1032	536 A1032		See 536 Tunable packaged magnetron. Replaces A1007A, A1037 similar
CK1032 H1033 SD1033 CK1034 K1034	CK 1032 H1033 5722 CK 1034 K 1034		Geiger-Mueller counter tube Direct view storage tube See 5722 Counter tube 7 inch diameter, curved face, single beam, magnetic deflection and focus cathode ray tube
CK1035 CK1036 A1037	CK1035 6436 A1037		Counter tube See 6436 Tunable packaged magnetron. Similar to A1032
CK 1037 K 1037	6437 K1037		See 6437 10 inch, single beam, magnetic deflec- tion and focus cathode ray tube
A1038 B1038 CK1038 K1038P1	A1038 10WP7 K1038P1	6438	Travelling wave tube, low noise See 10WP7 See 6438 3 inch, 2 beam, electrostatic focus and
NU-R1038 R1038 1038AV CK1039	R1038 R1038 1038AV CK1039	NU-R1038	deflection cathode ray tube See R1038 Ionization gauge Phototube Subminiature voltage regulator, co-
EN1039A CK1042 K1043	5840 6659 K 1043		rona discharge. Replaced by 6143 See 5840 (Sharp cut-off RF pentode) See 6659 1-inch, single beam, electrostatic deflection and focus cathode ray tube
CK1044 R1045 K1047	CK 1044 1Z2 K1047		Subminiature counter tube See 1Z2 5 inch, two beams, electrostatic de-
K 1049	K1049		flection and focus cathode ray tube l-inch, single beam, electrostatic de- flection and focus cathode ray tube
A-1050 K1050	A-1050 K1050		Travelling wave amplifier, pulsed 5-inch, two beam, electrostatic focus and deflection cathode ray tube
A1051 H1051 K1051	A1051 H1051 K1051		Travelling wave tube, low noise Memotron storage tube 3-inch, two beam, electrostatic deflection and focus cathode ray tube
M1051P2	M1051P2		Cathode ray tube, electrostatic focus and deflection
A1052 K1052 CK1053	A1052 7XP2 CK1053		Pulsed magnetron See 7XP2 Subminiature cold cathode electrolytic cell

	Current Service		
Tube Type	Designation	Other Number	Class Description
K1053	K1053		12-inch single beam, electrostatic focus and deflection cathode ray tube
CV1054	VU504		Se e VU504
HK1054L	750TL		See 750TL
A1055	A 1055		Tunable 4J50 version
K1055	K1055		3-inch, single beam, electrostatic de- flection and focus cathode ray tube
A1056	A1056		Low noise travelling wave tube
K1056	K1056		5-inch, single beam, electrostatic focus and deflection cathode ray tube
A1057	A 1057		Pulsed traveling wave tube
K1057	K1057		3-inch, single beam, electrostatic focus and deflection cathode ray tube
A 1058	A1058		Low noise traveling wave amplifier
H1058	H1058		Direct view storage tube, 3-gun
K1058	2DPI		2-inch, single beam, electrostatic de- flection and focus cathode ray tube
K1059	K1059		2-inch, single beam, electrostatic de- flection, magnetic focus cathode ray tube, with an 11-electrode target
B1060	5ADP		See 5ADP
M1050	2C53		See 2C53
CH1062	CH1062		Hydrogen thyratron, see also 1258
SD1063A	SD1063A		Remote RF pentode
A1 064	A1064		Low noise TWT amplifier, formerly A1038
SD1064	6287		See 6287
A1065	A 1065		Low noise TWT amplifier
K 1065P	3ADP		See 3ADP
SD1065C	SD1065C		Reliable miniature RF power amplifier
A1066	A1066		Tunable, pulsed magnetron. See also A1055
SD1066A	1D3		See 1D3
A1067	A 1067		Tunable, pulsed magnetron. See also A1055
K 1069	5BDP		See 5BDP
A1070	A1070		Tunable pulsed magnetron
K1070P7	K1070P7		Cathode ray tube, superseded by 7ATP7
A1071	A1071		Backward wave oscillator
K 1075	K1075		3-inch, single beam, electrostatic de- flection, magnetic focus cathode ray tube
K1076	K1076		4-inch diagonal, square face, two beam, electrostatic focus and de- flection cathode ray tube
CH1078	7454		See 7454

	Current		•
Tube Type	Service Designation	Other Number	Class Description
K1079	K1079		3-inch, single beam, electrostatic de- flection and magnetic focus cathode ray tube
K1084	K1084		16-inch, single beam, magnetic focus and deflection cathode ray tube
CK1087 CK1088	CK1087 CK1088		Thyratron Cold cathode thyratron
CK 1090	CK1089 CK1090		Gas rectifier—cold cathode thyratron Obsolete. Gas rectifier—miniature thyratron, (See also CK1089, 5823, 395A and 359A)
CK1091 1091	2B 2 5 2B 2 5		See 2B25 See 2B25
A1092A	A 1092A		See 6865
CK1093 CH1095	CK 1093 7586		Half wave gas rectifier See 7586
K1095	K1095		Cathode ray tube, superseded by 7AEP-
SN1096A	SN1096A		Subminiature RF pentode
K1097 CH1100	7ACP 7410		See 7ACP See 7410
R1100	1100		See 1100
1100	1100	R1100	Pirani type manometer tube
SD1103	SD1103		Klystron
SN1103D	5836		See 5836
1103D	1103D		Subminiature semi-remote cut-off
1103S	1103S		pentode Subminiature semi-remote cut-off pentode
SD1104	SD1104		Klystron, modified 6BL6
K1105	3ACP		See 3ACP
C1106	C1106/6AZ6		Subminiature UHF triode, similar to 6AL5
E-1106 NU1106	E-1106 6AZ6		Subminiature pentode See 6AZ6
B1109	B1109		Redesigned 10QP7
K1109	4DP		See 4DP
R1111	R1111		Gas, measuring tube
K1112P11	K1112P11		Cathode ray tube, electrostatic focus and deflection
A1113V6	A1113V6		Traveling wave tube Subminiature UHF triode
C1112 CV1114	C1112 VT114 (Br.)		See VT114 (Br.)
CV1114 CH1115	7455		See 7455
K1115	4HP		See 4HP
SD1116	SD1116		Subminiature rugged pentode
B1117P7M	B1117P7M		17" cathode ray tube, magnetic de-
SC1117B	SN979D		flection Reliable receiving subminiature medium mu triode
			medium nu titode

Tube Type	Current Service Designation	Other Number	Class Description
1000 1770	Designation	Omer Romber	Class Description
SC1117S K1123 K1124 B1125	SC1117S 7AFP 7YP 5BCP		Industrial amplifier triode See 7AFP See 7YP See 5BCP
C1125	C1125		Subminiature UHF triode, cold cath-
1125A	C1125		ode crater lamp Subminiature triode, superseded by C1125
1129 K1130P7	1129 K1130P7		Mazda lamp Cathode ray tube, rectangular,
R1130 R1130B 1130 1130B	1B59/R1130B 1B59/R1130B 1130 1B59/R1130B		electrostatic focus and deflection See 1B59/R1130B See 1B59/R1130B Superseded by 1130B See 1B59/R1130B
R1131A R1131B	R1131A R1131B		Superseded by R1131C Cold cathode crater glow lamp. Super-
R1131C R1131SYL	R1131C 1131	1131A, R1131B	seded by R1131C Cold cathode, Crater glow lamp See 1131
1131	1131	R1131 (Syl)	Cold cathode crater lamp. Superseded
1131A	1131A		by R1131C Cold cathode crater lamp. See R1131C. Improved version of 1131A
B1132P7	B1132P7		Cathode ray tube, 10 inch, electrostatic focus, magnetic deflection
1133D	1133D		Subminiature dual control pentode sharp cut-off double ended. Similar to 6AS6 and 5634
CH1137	8080		See 8080
K1137P19	K1137P19		Cathode ray tube, electrically but not mechanically same as 12ACP19, see also 12ARP19
D1139	D1139		Rotary beam tube
K1140P	K1140P		7 inch, magnetic deflection and focus, cathode ray tube
SC1140A B1142	5719 B1142		See 5719 Cathode ray tube, 7 inch, small neck,
B1144	B1144		magnetic deflection and focus Cathode ray tube, 5 inch, small neck
GE1144A SD1144A	38111 SD1144A		magnetic deflection and focus See 38111 Planar triode amplifier
1145	1145		Neon lamp regulator
K1147P	5AFP		See 5AFP
E1148 HY-E1148	E1148 E1148	HY-E1148, VT-232	Transmitting triode See E1148
K1149P	7ADP		See 7ADP
K1154P	5AGP		See 5AGP
SC1156A	5636		See 5636

	Current Service		
Tube Type	Designation	Other Number	Class Description
A1157 A1158 CH1157 R1159 SYL 1159	4012/A1157 A1158 8428 1159 1159	R1159 (Syl)	See 4012/A1157 Traveling wave tube See 8428 See 1159 Miniature type diode gas voltage
R1160A B1167P18 CH1172 B1173	1B46 8MP18 8455 B1173		regulator See 1B46 See 8MP18 See 8455 3-inch cathode ray tube, magnetic deflection, electrostatic focus
B1174 B1175 K1178P K1186 E1189 K1189 E1190 B1191	B1174 7AQP K1178P 6292 NT98 6291 CV55 B1191		5-inch cathode ray tube, magnetic deflection, electrostatic focus See 7AQP Cathode ray tube, 5 inch flat face See 6292 See NT98 See 6291 CV55 10-inch cathode ray tube, electrostatic
K1193 K1195 K1197 E1198 K1198 A1200 A1201V2 NU1201 1201 1201A K1202	K1193 7ABP 6363 CV38 6364 A1200 A1201V2 7E5 7E5 7E5 K1202		focus, magnetic deflection 10-stage multiplier phototube See 7ABP See 6363 See CV38 See 6364 Traveling wave tube Traveling wave tube See 7E5 See 7E5 See 7E5 See 7E5 I9-inch, single beam, electrostatic focus, electrostatic and magnetic deflection, metal envelope, cathode
NU1202X A1203 BX1203 NU1203A 1203A 1204 1205 K1206 1206 A1207V32 K1207	NU1202X A1203/M2403N BX1203 7C4 7C4/1203A 7C4 7AB7/1204 1205 4FP 7G8 A1207V32 K1207	M2403N	ray tube High voltage shunt regulator Traveling wave tube Beam switch noise generator See 7C4, (subminiature twin triode) See 7C4/1203A See 7C4 See 7AB7/1204 Receiving lock-in type UHF amplifier See 4FP See 7G8 Traveling wave tube 5-inch, single beam, magnetic focus and deflection cathode ray tube
1207	1207	SD598C	Receiving lock-in type UHF twin triode (common plate)

	Current Service		
Tube Type	Designation	Other Number	Class Description
K1211	K1211		%-inch diameter, 6 stage photomulti- plier
K1212P19 K1213 B1217P12	K1212P19 6365 12AWP12		Cathode ray tube, 5 inch, 4 gun See 6365 Cathode ray tube, electrostatic focus, magnetic deflection
1218A K1220	8334/1218A K1220		See 8334/1218A Rectangular 12-inch diagonal, dual beam, electrostatic focus and deflection cathode ray tube
K1221	K1221		Rectangular 7-inch diagonal, dual beam, electrostatic focus and de- flection cathode ray tube
1221	1221		Receiving triple grid pentode amplifier
K1222	K1222P19A	CK1353P19A	Cathode ray tube, electrostatic focus, magnetic deflection
1223	1223	H250	Receiving pentode amplifier (Type 6C6 characteristic) 1221 with octal base
1225 1227	1225 1227		Receiving lock-in type Electrometer tube
1229	1229		Receiving tetrode amplifier similar to Types 32, 32E and 932
1230	1230		Receiving triode amplifier similar to Type 30
HY1231Z K1231 1231	HY31Z/HY1231Z 6467 1231		See HY31Z/HY1231Z See 6467 Receiving lock-in type pentode ampli-
E1232	CV92		fier similar to 1851, 7V7, 7W7 See CV92
1232 K1233P14	7G7 K1233P14		See 7G7 Cathode ray tube, 7-inch, electrostatic focus and deflection
E1235 K1235P7	CV29 K1235P7		See CV29 Cathode ray tube, 5 ½-inch, square face, electrostatic focus and deflection
1236 1236A	1236 1236A		Voltage regulator Voltage regulator
1237 K1238	1237 K1238		Full wave rectifier, gas filled 4 by 6 inches rectangular face, single beam, electrostatic focus and deflec- tion cathode ray tube
SYL 1245 1245	1245 1245	SYL 1245	See 1245 Hearing aid type pentode amplifier. Obsolete no known substitution
SYL 1246	1246		See 1246

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
1246	1246	SYL 1246	Hearing aid type pentode power am- plifier. Obsolete-no known substi- tution
1247	1247		Subminiature diode probe
CE1250	CR1250		See CR1250
CR1250	CR1250	CE1250	Diode gas rectifier
K1253P1	5BFP7		See 5BFP7
K1255P	5AWP		See 5AWP
VC1257	VC1257		Hydrogen thyratron
1257	FG57		See FG57
VC1258	VC1258		Hydrogen thyratron
1258	1258		Hydrogen thyratron, see also Chatham 1062
K1262P7	6DP7		See 6DP7
L1262	L1262		Diode-noise generator, miniature
1265	1265		Diode gas voltage regulator similar to OC3/VR105
K1266	5ATP		See 5ATP
1266	1266		Diode gas voltage regulator similar to WE313C
1267	1267	FG67	Thyratron
K1268P	7AEP		See 7AEP
HY1269	HY 1269		6 or 12 volt HY69; see HY69
EP1272	CV1727	D104000	Resnatron
1272Y	1272Y	D160206	UHF special purpose Similar to 708A and D160127
E1273	CV58		See CV58
EP1273	EP1273		CW resnatron, see VC1741
1273	1273		Receiving pentode amplifier, non-mi- crophonic. Similar to 7C7. See 1280
1274	1274		Selected 6X5GT. Similar to 5852
K1275P7	K1275P7		Cathode ray tube, multibeam
L1275D	L1275D	WEIGHT	Half-wave high vacuum rectifier
1276	1276	WE205D	Transmitting triode
1278/GY2	GY2		See GY2
1280	1280		Non-microphonic pentode amplifier. 14 volt version of 1273
1280CT	2K40		See 2K40
1282	7W7		See 7W7
1284	1284		Receiving UHF pentode
K1285	K1285		10-inch, single beam, electrostatic fo- cus, magnetic deflection, cathode ray tube
1285	1285		Receiving beam power amplifier, simi- lar 25L6G
1287	287A		See 287A
1287Y	711A		See 711A
1288	1288		Receiving lock-in type twin triode,
			special 1291

	Current Service		
Tube Type	Designation	Other Number	Class Description
1289	1289		receiving lock-in type UHF triode amplifier
1289CT	D167158		See D167158
1290	FG190		See FG190
1291	3B7		See 3B7
1292	1292		Superseded by 3B7/1291
1293	1293		Receiving UHF triode amplifier
1294	1R4/1294		See 1R4/1294
1295	FG95		See FC95
1296	1296		Receiving lock-in type UHF power output
1299	3D6/1299		S ee 3D6/1299
1299XQ	3B24		See 3B24
L1300	L1300		Thyratron. Version of 5643
CK1301	CK1301		_ ·
CK1301 CK1301A	CK 1301A		Obsolete. Replaced by CK1301A Subminiature pentode. Low micro-
ONIOUIA	ONIDOIA		phonic CK1301
W1301	NR74		See NR74
1301	01		See 01
1301M	D160573		See D160573
K1304P	7ABP		See 7ABP
Z1304	Z1304		Cathode ray tube, similar to 5CP7
CK1305	CK1305		See 5702WA. Low microphonic pen-
CITIOUS	0111303		tode, shockmounted
CK1306	CK 1306		Low microphonic triode. Shock-
			mounted 5744WA
CK1307	CK 1307		Shockmounted - CK6247 low micro-
			phonic triode
LI308A	6325		See 6325
K1315P7	K1315P7		Cathode ray tube, electrostatic deflection and focus, 2-gun
E1320	CV51		See CV51
E1325	CV56		See CV56
1325M	D161145		See D161145
E1326	CV56		See CV56
1330M	725Å		See 725A
1331	724A		See 724A
E1342	CV64		See CV64
1344	215A		See 215A
CK1353P19A	K1222P19A		See K1222P19A -
K1355P	5BEP		See 5BEP
CK1359P7A	16AKP7	•	See 16AKP7
CK1360P7	CK1360P7		Cathode ray tube, selected 7ABP7
CV1362	VT25(Br.)		See VT25(Br.)
K1362P	K1362P		4 by 6 inches rectangular face, dual beam, electrostatic focus and deflec-
1004VO	126 480		tion, cathode ray tube
1364XQ	1364XQ		Replaced by 2K50 (1462)
E1365	CV114		See CV114
1365	CV114		See CV114

	Current		
Tube Type	Service Designation	Other Number	Class Description
	•		C 1007
GL1367	1367	CI 1207	See 1367
1367	1367	GL1367	Thyratron, obsolete, use 5662
E1368	CV90		See CV90
K1369	K1369		3½ inch, three beams, electrostatic
			focus and deflection cathode ray
	CV21074D4		tube
CK1374P4	CK1374P4		Cathode ray tube, 21 inch high
100.4017	דיוריסטיים .		resolution See D163876
1374GY	D163876		
CK1378	CK1378		Cathode ray target tube See 1B22
WE1378X	1B22		See 1B22
1378X	1B22		See 4J78
Special 1379M	4378		See 4J75 See 4J45-47
1379M	4J45-47		6 inch, 3 beam, electrostatic focus
K1381	K1381		and deflection, cathode ray tube
12010	CIVE		See 6AK5
1381HQ	6AK5 K1382		Photomultiplier, 10 stage
K1382			See 5J21-25
1382M	5J21-5J25 730A		See 730A
1384M 1391X	1B31		See 1B31
1391Z	1B31		See 1B31
1392M	2J49		See 2J49
1393M	2J50		See 2J50
1397M	4J50		See 4J50
1397 Special	4J78		See 4J78
1400XQ	2K22		See 2K22
1401	4J26-30		See 4J26-30
1402	4J21-25		See 4J21-25
SC1405A	SC1405A		Subminiature twin triode
SC1406A	SC1406A		Subminiature twin triode
1407XQ	2K45	•	See 2K45
1409XQ	2K24		See 2K24
1410XQ	2K25		See 2K25
1411XQ	2K26		See 2K26
1411XQ-1413XQ	2K26		See 2K26
K1413	7AJP		See 7AJP
1413XQ	2K27		See 2K27
1414XQ	2K29		See 2K29
1414XQ-1415XQ	2K29		See 2K29
E1415	CV117		See CV117 See 2J51
1424M	2J51	·	See 2J51
1424MQ	2J51		UHF tetrode
Z1426L-8	Z1426 (L-8) 2K23		See 2K23
1428XQ	2K23 2K48		See 2K48
1429CT8 1429CT9	2K49		See 2K49
K1435P24	K1435P24		Flying spot scanner cathode ray tube
Z1437	Z1437		Glow lamp
1437GT	1B29		See 1B29
170101	1025		

	Current Service		
Tube Type	Designation	Other Number	Class Description
1438GT	1B42		See 1B42
1439XQ	723A/B		See 723A/B
E1440	E1440		Magnetron
K1440	7AKP		See 7AKP
1440M	4J42		See 4J42
1443M	4J51		See 4J51
Z1450	5710		See 5710
1454 1454(BTL)	1454 1454	1454 (BTL)	High transconductance miniature pentode See 1454
1456M	3J21		See 3J21
1462	2K50		See 2K50
BTL1466	5649		See 5649
1468	2K54		See 2K54
1469 1471 K1473P25	2K55 4J52 K1473P25		See 2K55 See 4J52 Cathode ray tube, rectangular face,
K1474P2	K1474P2		single beam, magnetic focus and de- flection
K14/4F2	N14/4F2		Cathode ray tube, 7 inch square face, five beams, electrostatic focus and deflection
Z1474	Z1474		Improved GL546. See 5663
1475M	5J26		See 5J26
1491	2C51		See 2C51
K1493	K1493		Multiplier phototube. Similar to 6467
Z1494	Z1494		See 5654/6AK5W
Z1495	Z1495		Cathode ray tube-daylight viewing
Z1497	Z1497		Ruggedized version of 2C51
WE1498	WE1498		Miniature pentode
Z1498	Z1498		Ruggedized version of 12AU7
1498	1498		Jumbo miniature double power 6AK5
Z1499	6005/6AQ5W		See 6005/6AQ5W
VXR-1500	VXR-1500	3-1500A3/1500T	Corona regulator tube
1500T	1500T		Transmitting triode
VC1502	VC1502	REL21	Packaged magnetron
V1507	V1507		Spark gap tube
K1513	7BRP		See 7BRP
K1521	Q1521		Cathode ray tube, 7 inch diameter, flat face, electrostatic focus and de- flection, 5 beams
1522 1523	419A 1523		Improved 2K45; See 419A Cathode ray tube for pulse code modulation
1530Pl W1535 1537 (RTL)	1530P1 6F6G		Strobotron See 6F6G Modified 2K29
1537 (BTL)	1537 (BTL)		Modified 2K28
SR1538	5977		See 5977
1538	5780		See 5780
1546	1546	WE418A	Receiving power output tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
1547 CEL1552 1552 SR1553D 1553 HK1554 1554 1555 VC1568	5842 C5B C5B 6AN4 416A HK1554 5755 1555		See 5842 See C5B See C5B See 6AN4 See 416A Transmitting triode amplifier See 5755 Magnetron See 1R6
K1581P25		K1581P25	21-inch rectangular, magnetic focus and deflection, cathode ray tube
K1582P SN1593-A BTL1596 K1599P7	7ATP SN1593-A 5650 K1599P7		See 7ATP Receiving tube for automatic assembly See 5650 Cathode ray tube, 19 inch, electro- static focus, magnetic deflection
GL1602 RCA1602	1602 205E		See 1602 See 205E
1602	1602	GL1602, 10SPCL(RCA)	Transmitting triode amplifier (special type 10. For low microphonic applications)
GL1603 1603	1603 1603	GL1603	See 1603 Obsolete-Receiving low microphonic, low hum, low noise, triple grid pen- tode (replace with 6C6) electrically similar to 1620 and 5879
1605	1605		Receiving triode amplifier (obsolete- used in noise measurement equip- ment)
GL 1608 1608	1608 1608	GL1608	See 1608 Transmitting hign Mu triode amplifier modulator oscillator
GL 1609 1609	1609 1609	GL1609	See 1609 Receiving pentode amplifier (low microphonic)
GL1610 1610	1610 1610	GL1610	See 1610 Transmitting pentode amplifier oscillator (selected 47 with transmitting ratings). Obsolete. Use 47
1611	1611		Receiving pentode amplifier (selected. 6F6 for cut off), Obsolete. Use 6F6
GL 1612 1612	1612 1612	GL1612	See 1612 Receiving pentagrid amplifier (selected 6L6 for low microphonic applications)
GL1613 1613	1613 1613	GL1613, VT-175	See 1613 Receiving pentode amplifier (selected 6F6 with transmitting ratings)
GL1614	1614		See 1614

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Tube Type	Current Service	Other Number	Class Description
iupe type	Designation	Other Number	Class Description
1614	1614	GL1614	Transmitting tetrode amplifier (selected 6L6 with transmitting ratings). (Replace with 6L6)
GL 1616 1616	1616 1616	GL1616, VT-266	See 1616 Transmitting diode vacuum rectifier
1617	1617	GL1010, V1-200	Receiving high gain triple grid am- plifier. Obsolete. Replace with 6AC7 with circuit changes
GL1619	1619	CT 1010 177 104	See 1619
1619 GL 1620	1619 1620	GL1619, VT-164	Transmitting pentode amplifier (quick heating filamentary cathode) See 1620
1620	1620	GL 1620	Receiving triple grid amplifier detec- tor (selected 6J7 for low micro- phonic applications). Discontinued. Same as 1603 except base
GL1621 1621	1621 1621	GL1621	See 1621 Receiving pentode amplifier (selected 6F6 for long life)
GL .1622	1622		See 1622
1622	1622	GL1622	Miniature receiving tetrode amplifier (selected 6L6 for long life)
GL 1623	1623	OT 1000	See 1623
1623 GL 1624	1623 1624	GL1623	Transmitting triode amplifier (similar to T20 and 809 but with Mu of 20) See 1624
1624	1624	A4154D, GL1624,	Transmitting beam power amplifier.
GL1625	1625	VT-165, A2154D	Quick heating filamentary cathode See 1625
1625	1625	GL1625, VT-136	Transmitting beam power amplifier (Type 807 characteristics, but with 12.6V heater)
GL1626	1626		See 1626
1626	1626	GL1626, VT-137	Transmitting triode amplifier. Low drift oscillator. See SD838
GL 1627 1627	1627 1627	GL1627	See 1627 Transmitting triode power amplifier
1000	1000	III 140	(obsolete type 810 characteristics but with 5V-9A filament)
1628	1628	VT-140	Transmitting triode amplifier (obsolete, superseded by 8012)
GL 1629 1629	1629 1629	GL1629, VT-138	See 1629 Receiving-electron ray tuning indica-
1025	1029	GL1029, V1-136	tor. Similar to 6E5, but with 12.6V heater
1630	1630	12H. VT-128	Orbital beam hexade IIHF amplifier (obsolete)
GL1631	1631	Gr 1001	See 1631
1631	1631	GL1631	Receiving beam power amplifier (12.6V heater version of 6L6)

	Current Service		
Tube Type	Designation	Other Number	Class Description
GL1632	1632		See 1632
1632	1632	GL1632	Receiving beam power amplifier (12.6V. heater version of 25L6). Obsolete
GL1633	1633	CT 1000	See 1633
1633	1633	GL 1633	Receiving twin triode amplifier (25V. heater version of 6SN7GT)
GL1634	1634	CT 1604	See 1634
1634	1634	GL1634	Receiving twin triode amplifier (se- lected 12SC7 for matched triode units)
1635	1635		Receiving twin triode amplifier (low distortion at low signal levels)
1636	1636		UHF beam deflection heptode ampli-
D. G. L. 1000	1605		fier. Obsolete, see 5902, 5640, 5661
RCA1637	1637	DC 11627 11772	See 1637
1637	1637	RCA1637, A4273, VT52(Br.)	Pentode output amplifier
RCA1638	1638 1638	RCA1638, VR54 (Br.)	See 1638 Duodiode rectifier. Obsolete
1638 RCA1636	1639	nCA1036, VN34 (BL)	See 1639
1639	1639	RCA1639, A4270, VR55 (Br.)	Duodiode triode amplifier
RCA1640	6405		See 6405
1640	6405		See 6405
GL1641	1641	D1/00 OT 10/1	See 1041
1641	1641	RK60, GL1641	Transmitting duodiode vacuum recti- fier
K1642	K1642		7-inch cathode ray tube, short neck, electrostatic focus, magnetic deflec- tion
1642	2C21		See 2C21
1643	1643		Pentode power amplifier
1644	1644		Selected 12L8GT. Obsolete
1645	1645		Vacuum phototube with capacitance balancing electrode
1649	1649		Special-purpose pentode amplifier - selected low microphonic 6AC7 - Obsolete, replace with 6AC7W
1650	1650		Special low leakage type 955 acom tube
1651	1651		Transmitting diode vacuum rectifier (obsolete. For replacement only)
1651A	1651A		Rectifier (obsolete)
1652	1652		Transmitting RF triode amplifier os- cillator-Water-cooled (obsolete)
1653	1653		Obsolete
1654	1654		Miniature type diode vacuum rectifier
1655	1655		Selected 6SC7 for matched sections
1656	1656		Selected 446B

	Current		
Tube Type	Service Designation	Other Number	Class Description
1657	1657		Type 2050 with pins 1 and 4 connected
1658	1658	A205D	Receiving 2-volt filamentary triode- low leakage
1659	1659	A4006B	Special selected 2A6. Obsolete. Use 2A6
1660	1660		Diode vacuum rectifier
1661 1662	C6A 1662		See C6A Miniature type pentode amplifier os- cillator (selected 3A4)
1663	1663		Small, special purpose
1664 1665	VT153 1665		See VT153 Special 2050
1666	1666		Selected 185 (miniature diode pentode)
1672	FG172		See FG172
1674	38674		Replace with 4B25. See 3874
K1688	K1688		10-stage photomultiplier
M1689	M1689		Transistor
M1698	M1698		Transistor
1698	1698	C73352	Monoscope
1699	1699		Monoscope
Z1700	6122/Z1700		See 6122/Z1700
Z1701	6123/Z1701		See 6123/Z1701
Z1702	6124/Z1702		See 6124/Z1702
1702	1702		CW magnetron See 6125/Z1703
Z1703 Z1704	6125/Z1703 6127/Z1704		See 6123/21703 See 6127/Z1704
SR1707	SR1707		Cold cathode glow discharge tube
K1710	K1710		10-stage photomultiplier, selected 6467
Z1723	5797		See 5797
WE1724	WE1724		Transistor
Z1724	5798		See 5798
M1725	M1725		Transistor
M1727	M1727		Transistor
WE1728	WE1728		Transistor
M1729	M1729		Transistor
X1730/6W4GT	Z1730/6W4GT		Full wave rectifier, miniature version of Z1745 and equivalent to 6W4GT
M1740	M1740		Transistor
Z1745	Z1745		Miniature diode
Z1749	5749/6BA6W		See 5749/6BA6W
Z1750	5750/6B16W		See 5750/6BE6W
Z1751	5726/6AL5W		See 5726/6AL5W
WE1752 VC1754	WE1752		Transistor See 5948
1754 1754	5948 5948 /		See 5948
1754 K1762P7M	5946 K 1762P7M		3½ inch, 3 gun cathode ray tube
MILON IN	KIIOZI IW		electrostatic focus and deflection
Z1764	5751		See 5751

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
M1768	M1768		Transistor
SN 1776	6788		See 6788
Z1779	Z1779		Ionization chamber and radiation detector
Z1782	6128		See 6128
Z1783	6129		See 6129
Z1784	X1784		ATR tube
Z1785	Z1785		TR tube
CG1787	1787		See 1787
QF1787	QF1787		Dual space charge tetrode
1787	1787	CG1787	Obsolete - Navy number; nearest equivalent is SE4374
VC1788	VC1788		High voltage vacuum rectifier
ZV1798/5973	5973		See 5973
CK 1800	2C50		See 2C50
VXR1800	VXR1800		High voltage regulator
1800	1800		Cathode ray tube. Obsolete
1801	1801		Cathode ray tube. Obsolete
1802	7322		See 7322
1802P	5BP		See 5BP
1803P7	12AP7		See 12AP7
1804P	9AP		See 9AP
1805P	5AP		See 5AP
1806P1	3EP1		See 3EP1
1806P4	3EP4		See 3EP4
1808P	3CP	VT-248	See 3CP
1809P1	9JP1		See 9JP1
1810P1	1810P1	C7428, Briaish VCR139A, 10E/466	Cathode ray tube
1811P	7CP		See 7CP
1812P	5FP		See 5FP
K1813P7	7BSP7		See 7BSP7
1813P	7BP1		See 7BP1
1814P	2AP		See 2AP
1818A	38111A		See 38111A
1819B	212E		See 212E
Z1825	Z1825		Pre-TR tube and ATR, similar to Z1896, Z1947, and Z1951
GL1840	1840		See 1840
RCA1840	1840	Of 1040 POLICE	See 1840
1840	1840	GL1840, RCA1840	Orthicon
1846	1846		Iconoscope
GL 1847	1847	CI 10.47	See 1847
1847	1847	GL1847	Iconoscope (superseded by 5527)
GL1848	1848	CT 1040	See 1848
1848 CL 1840	1848	GL1848	Iconoscope (superseded by 1846)
GL1849	1849	CT 1040	See 1849
1849 Ct 1850	1849	GL1849	Iconoscope (obsolete, superseded by 1850A)
GL1850	1850		See 1850

	Current Service		
Tube Type	Designation	Other Number	Class Description
1850	1850	GL1850	Iconoscope (obsolete, superseded by 1850A)
1850A	1850A		Iconoscope
GL1851	1851		See 1851
1851	1851	GL1851	Receiving pentode amplifier (characteristics like 6AC7/1852)
1852	6AC7		See 6AC7
1853	6AB7		See 6AB7
Z1854	Z1854		Dyotron
1854	6474		See 6474
Z1855	Z1855		Dyotron
1855	6896		See 6896
CG 1860	204A		See 204A
1860	204A		See 204A
1861	218		See 218
1887	220B		See 220B
Z1896	Z1896		Pre TR and ATR, similar to Z1947,
			Z1825, and Z1951
GL1898	1898		See 1898
1898	1898	GL1898	Cathode ray tube (obsolete)
GL1899	1899		See 1899
1899	1899	GL1899	Cathode ray tube. Obsolete, super-
			seded by 2F21
V1901	VU504		See VU504
GL1904	1904		See 1904
1904	1904	GL1904	Thyratron, mercury vapor
1907	5949		See 5949
Z1908	6126/Z1908		See 6126/Z1908
Z-1910	Z-1910		UHF high Mu triode
Z1911	6442		See 6442
V1920	CV121		See CV121
1923	REL38		See REL38
1923F	CV85		See CV85
1924	CV100		See CV100
Z1931	Z1931		Magnetron oscillator
Z1932	Z1932		Traveling wave tube
1945	1945		Vacuum qauge tube
1946	1946	C781	Transmitting type
Z1947	Z1947		Pre TR and ATR similar to B1896.
			Z1825 and Z1951 .
1947	1947	C778A	Transmitting type
1948	1948	C787A	Transmitting type
K1949	12AMP	Z4718	See 12AMP
1949	1949	C785	Transmitting type
1950	1950	C791	Transmitting type
Z-1951	6620		See 6620
Z1956	6621		See 6621
Z-1957	6619		See 6619
Z-1960	Z-1960		Magnetron, pulsed, fixed frequency
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	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
1960	1960	\$836	Protective gap, diode gas switching
1001	1001	GCNOS	tube
1961	1961	S843B	Protective gap, diode gas switching tube
Z1964	Z1964		Magnetron, pulsed, fixed frequency
Z1965	Z1965		Magnetron, pulsed, fixed frequency
Z-1966	Z-1966		Magnetron, oscillator, fixed frequency
Z-1967	Z-1967		Magnetron, oscillator, fixed frequency
Z-1968	Z-1968		Magnetron, oscillator, fixed frequency
1971	207		See 207
Z-1975	Z-1975		Gas discharge tube
Z-1977	Z-1977		TWT amplifier
Z-1978	Z-1978		Magnetron, tunable
K1983P7	10ANP7	SC2862P7	See 10ANP7
1984	38111		See 38111
BX2000	6711		See 6711
CD2000	CD2000		Special neon diode tube
L2000	7154/L2000		See 7154/L2000
LR2000	T44S15		See T44S15
RCA2000	4B26		See 4B26
Z2000	Z2000		Twin triode for computers. Similar to
212000	22000		6J6
2000	4B26		See 4B26
2000T	2000T	3-2000A3/2000T	Transmitting triode, medium Mu. Forced air cooled
VXR2002	VXR2002		High voltage regulator tube
2002	2002		Cathode ray tube
L2007	L2007		Noise source
A2009J	8019		See 8019
B2012P7A	B2012P7A		Cathode ray tube
L2012-1	L2012-1		TR tube
D2013	D2013		Traveling wave tube
2013	2013		Medium Mu twin triode
D2014	D2014		Traveling wave tube
HD2016A	HD2016A		Crystal rectifier diode
K1017P2	154-175	T543P2	See 154-175
B2024P7A	B2024P7A	10.0.0	Aluminized version 10KP7A,
DECEM 771	2001.		replace with 10AKP7
2027	CV125		See CV125
2030/2031	2030/2031		Cathode ray tube - monotron
2031	2031		Photomultiplier-931VA with low-loss
			phenolic base
M2039B	M2039B		Tronsistor
2039	6950/2039		See 6950/2039
2041	2041	A2515H	Superpower tetrode
HD2046	HD2046		Germanium diode
K2046P2	154-165	T533P2	See 154-165
HD2047	HD2047	.500.	Germanium diode
D2048	D2048		Traveling wave tube
HD2048	HD2048		Germanium diode
1102070	1.22070		

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	Current Service		
Tube Type	Designation	Other Number	Class Description
2048	2048		Vidicon camera tube
GL2050	2050		See 2050
2050	2050	VT-245, GL2050, B2A, 1665	Thyratron (metal version is GL502A)
2050 Special	2050 Special		Special type 2050
2050W	2050W		Ruggedized 2050
GL2051	2051		See 2051
2051	2051 2052	GL2051, VT-109	Thyratron (obsolete; use 2050) See 2052
RCA2052		DC 4 20E2	
2052	2052	RCA2052	Thyratron (obsolete)
2053	2053 or K2112		Direct view storage tube
HK2054A	HK2054A		Transmitting triode
R2057E	R2057E		Secondary emission amplifier (similar to 1630)
Z2061	Z2061		Miniature magnetron
R2069	R2069		Triode, commutating tube
R-2070-25-TYPE 5	6170		See 6170
R-2078	R-2078		Microwave dynatron
R-2080	R-2080		Commutating tube
	2083		Gas rectifier, rotary beam multi-
2083	2003		plexing
NU2091E	2091E		See 2091E
20 91E	2091E		Wide band HF amplifier
Z2092	Z2092		Reliable version of 6SK7
Z2)93	Z2093		Reliable version of 12AT7
L*2094	LE2094		Selected type 1N43 crystal rectifier
R2094	R2094		Cathode ray tube, daylight viewing, 5-inch
Z2095	Z2095		Reliable version of 6AC7
L2096	L2096		4 digit binary code tube
Z2096	Z2096		Reliable version of 6C4
Z2097	Z2097		Reliable version of 6AU6
Z2098	Z2098		Reliable version of 6X4
Z2099	Z2099		Reliable version of 5Y3GT
2100A/100R	8020		See 8020
Z2101	6072		See 6072
Z2101 Z2103	Z2103		UHF miniature triode for TV
K2104P7	K2104P7		Selected 7ABP7A, replace with
K2104F /	KZ104F7		7ABP7A
Z2104	5654/6AK5W		See 5654/6AK5W
K2105P28	12ATP28		See 12ATP28
M2105H	M2105H		Traveling wave tube
M2106G	M2106G		Traveling wave tube
Z2106	6005/6AQ5W		See 6005/6AQ5W
CW2110	38111A		See 38111A
K2112	2053 or K2112		Direct view storage tube
NU2112A	NU2112A		Cathode ray tube-Dark trace,
			experimental
NU2112B	NU2112B		Cathode ray tube-Dark trace

	Current		\$
	Service		
Tube Type	Designation	Other Number	Class Description
R2112	R2112		Cathode ray tube superseded by R2112A
R2112A	R2112A		Cathode ray tube-Dark trace
R2112C	R2112C		Cathode ray tube-Dark trace
R2113	R2113		Rotary beam tube
SD2114	SD2114		Stacked mount double triode, elec- trically similar to 6J6
C2115	5851		See 5851
A2116	2J41		See 2J41
R-2117	R-2117		"Registron" counter tube
SR2117	SR2117		Grounded grid miniature triode – special version of 6AN4
R2119	R2119		Pulse code modulation tube
A2124M	8014A	a	See 8014A
A2126	8003		See 8003
A2130A	8005		See 8005
Z2137	Z2137		Miniature high Mu triode
A2139	8012		See 8012
A2140B	8017		See 8017
R2142	R2142		48 channel switch tube for scanning
R2151	6054		See 6054
A2154D	1624		See 1624
CVX2155	CVX2155		Coaxial crystal (British)
SR2156	SR2156		Receiving ceramic mount grounded grid triode developmental - pat- terned after 6J4WA
R2159	R2159		Polartron, cathode ray tube
NU2163	1DP		See 1DP
NU2164	1DP		See 1DP
R2164	6355		See 6355
NU2166	NU2166		Space charge grid tube
2172	851		See 851
2172 2179A	2C40		See 2C40
2183	5B21		See 5B21
R2193	6320		See 6320
R2194	6321		See 6321
A2203	2C43		See 2C43
M2203D	HA-3E		See HA-3E
2203	2203		Cathode ray tube
R2206	R2206		Beam deflection switching tube
12209	6J4		See 6J4
\2209A	6J4		See 6J4
32211	6462		See 6462
2212	A2212		Transmitting UHF triode
2212 2212B	4C33		See 4C33
2212B 2214B	3C32		See 3C32
:214B :214J	6161		See 6161
'2216G	NU2216G		Cathode ray tube, special version
22100	14022100		1DP11

	Current Service		
Tube Type	Designation	Other Number	Class Description
CV2221	CV2221		Coaxial-line velocity modulated oscil- lator (British)
A2222	2C43		See 2C43
A2227	6F4		See 6F4
A2229A	2C40		See 2C40
A2232	A2232		Tunable coaxial type cavity resonator
K2245	7571/QK685		See 7571/OK685
A2251A	889R		See 889R
A2251B	889RA		See 889RA
2252	FG166		Se FG166
A2255	6C24		See 6C24
A2275	5831		See 5831
A2293C	2C42		See 2C42
A2294C	2C42 2C46		See 2C46
	6L4		See 6L4
A2297			See 604
A2298	6Q4		See A2302B
A2302A	A2302B	*2202 * 2202D	Obsolete. Receiving and transmitting
A2302B	A2302B	A2302A, 2302B	triode. Similar to 5675 (Rec. type) and 5794 (Trans. type)
A2302E	A2302E	2302E	Obsolete. Receiving and transmitting triode. Similar to 5675 (Rec. type) and 5794 (Trans. type). Replaced
****	10000D		by A2351 and A2352
2302B	A2302B		See A2302B
2302E	A2302E		See A2302E
A2304	6Q4		See 6Q4
A2317	5893		See 5893
A2317C	5893		See 5893
A2320	A2320		Subminiature receiving type HF triode
A2332	A2322		Transmitting type
A2342	5794		See 5794
2342	2342B		Phototube, ultra-violet (modified 935)
CV2346	CV2346		Klystron (British) See 5876
A2351	5876		
A2352	5675		See 5675
A2354	5794		See 5794
M2403LB	M2403LB		Traveling wave tube
M2403N	A1203/M2403N		See A1203/M2403N
A2416J	A2416J		Rugged, UHF pencil triode
A2521	6CR4		See 6CR4
T-2500	T-2500		Power triode
VXR2500	VXR2500		High voltage regulator tube
2501A3	3AP		See 3AP
2501C3	3AP		See 3AP
2501D3	3AP		See 3AP
2505A5	5MP		See 5MP
2505C5	5MP		See 5MP
250 5D5	5MP		See 5MP

	Current Service		
Tube Type	Designation	Other Number	Class Description
2507 W2510 2511A5-D5 2512 A2515H 2522N1 2523N1/128AS 2525A5-C5 2529A5-D5 2531A14-D14 2532A20 A2534A	54-8H NT98 5LP 94-8H 2041 2522N1 2523N1/128AS 5BP 5JP 14AP 1, 2, 5 20AP1 A2534A	128A	See 54-8H See NT98 See 5LP See 94-8H See 2041 Thyratron Thyratron See 5BP See 5JP See 14AP 1, 2, 5 See 20AP1 CHF beam power tube, water cooled.
A2534C/6952 2537A3 2537C3 2537D3 2566A 2779A SC2862P7 CV2901 Z2901	6952 3GP 3GP 10Y 1B23 10ANP7 CV2901 8113	K1983P7	Similar to 6448 See 6952 See 3GP See 3GP See 3GP See 10Y See 1B23 See 10ANP7 British receiving tube, somewhat simi- See 8113 lar to 5879
2933 2935A 2936A 2936A 2937 2938 2967 BX3000 ET3000 HF3000 L3000/6J21 VXR3001 3001 L3002 L3005 L3006 L3007 L3008 Z3011 L-3012 L-3013 L3014 L3015 L-3016 L3017 L-3018	206 81 217C 217C 219 214 219 6712 ET3000 HF3000 L3000/6J21 VXR3001 3001 L3002 L3005 L3006 L3007 L3008 6299 L3012 L3013 L3014 L3015 L3016 L3017 L-3018	6J21	See 206 See 81 See 217C See 217C See 219 See 214 See 219 See 6712 Cathode ray tube, similar to 3DP—— Transmitting triode Magnetron-superseded by 5607 Miniature high voltage regulator tube Traveling wave amplifier CW magnetron, tunable CW magnetron, tunable Traveling wave tube Microwave local oscillator Magnetron, pulsed See 6299 Packaged magnetron, CW, tunable Packaged magnetron, CW, tunable Magnetron CW magnetron CW magnetron CW magnetron CW magnetron CW magnetron CW magnetron

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
L-3020	L-3020		CW magnetron
3020A20	3020A20		Phototube assembly
G-3021	G-3021		Charactron cathode ray tube, proto- type of C19Q
r 2022	6333		See 6233
L-3023	6233 L3024		
L3024			CW tunable magnetron
L3026	L3026		CW tunable magnetron
L-3028	L-3028		Magnetron, lightweight, beacon type
L-3030	L-3030		Magnetron, similar to 4J50
L-3030A	L-3030Å		Magnetron
L-3030B	L-3030B		Magnetron
L-3030C	L-3030C		Magnetron
L-3030D	L-3030D		Magnetron
L-3030E L-3035	L-3030E 7504/L-3035		Magnetron See 7504/L-3035
L-3037	L-3037		Magnetron, pulsed, fixed frequency, cooled, similar to 4J52Å
L-3038	L-3038		Magnetron, tunable
L-3040	L-3040		CW tunable magnetron
L-3041	L-3041		CW tunable magnetron
L-3043	L-3043		CW magnetron, liquid cooled
L-3044	L-3044		CW magnetron
L-3045	L-3045		CW magnetron
L-3046	L-3046		Magnetron, tunable, air cooled
L-3047	L-3047		CW Magnetron, tunable
L-3048	L-3048		CW magnetron
L-3049	L-3049		CW magnetron
L-3051	L-3051		CW magnetron, tunable, liquid cooled, similar to 5607
L-3052	L-3052		CW magnetron, tunable
VX3053	VX3053		Silicon crystal rectifier-(British)
HK3054	HK3054		Transmitting triode amplifier
L-3055	L3055		CW magnetron
L-3056	L-3056		Magnetron
L-3057	L-3057		Magnetron
L-3059	L-3059		CW magnetron
L-3060	L-3060		Magnetron, packaged version of L3060
L-3061	L-3061		CW magnetron, tunable
VX3061	VX3061		Microwave triode-(British)
L-3062	L-3062		CW magnetron, tunable
L-3063	L-3063		CW magnetron, tunable
3064	4J70-77		See 4J70-77
L-3067	L-3067		CW magnetron
L-3068	L-3068		CW magnetron
3069	866A		See 866 A
L-3070	L-3070		CW magnetron
3070	872A		See 872A
L-3071	L-3071		CW magnetron, tunable
3071	869B		See 869B

	Current		
Tube Type	Service Designation	Other Number	Class Description
L-3072 WX3072	L-3072 WX3072		CW magnetron Duodiode gas rectifier
3072	857B		See 857B
L3074	L-3074		CW magnetron
WX3074	7C24		See 7C24
L-3075	L-3075		Magnetron tunable
L-3077	L-3077		CW magnetron, air cooled, tunable
L-3078	L-3078		CW magnetron, air cooled
L-3080	L-3080		CW magnetron
L-3083	L-3083		Magnetron, tunable pulse, air cooled
WX3089	WX3089		Transmitting HF triode
WX3092	VT158		See VT158
3092	VT158		See VT158
L-3101	L-3101		Magnetron, tunable pulse-tunable ver- sion of QK400
WX3102	WX3102		Transmitting HF triode
L-3104	L-3104		Magnetron, pulsed, fixed frequency, air cooled
MA3107	8330		See 8330
MA3108	8331		See 8331
UK3108	CV38		See CV38
L3110A	L3110A		CW magnetron
L3111A	L3111A		CW magnetron CW magnetron
L3113A	L3113A		- 1 l
ZM3113A	ZM3113A		Traveling wave tube ; CW magnetron
L3115A	L3115A WX3116		Klystron
WX3116 L3117A	L3117A		CW magnetron
L3119A	L3119A		CW magnetron
3119	860		See 860
WX3121	WX3121		Klystron
3124Å	861		See 861
L3134	L3134		CW magnetron, tunable
L3135	L3135		CW tunable magnetron
VX3135	VX3135		Silicon crystal rectifier (British)
WX3141	WX3141		Thyratron (obsolete, superseded by KU676)
VX3143	VX3143		Magnetron-(British)
L-3147	L-3147		Backward wave oscillator
3150	TN98		See NT98
WX3152	WX3152		UHF oscillator
VX3153	VX3153		Silicon crystal rectifier (British) UHF oscillator
WX3153	WX3153		TR tube
MA3154	MA3154		TR tube
WX3154	WX3154		See 3J30
WX3158	3J30 WX3160		Diode rectifier (ignitron)
WX3160	WX3161		UHF load lamp
WX3161 WX3164	WX3164		UHF load lamp
WX3165	WX3165		UHF load lamp
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	Current Service		
Tube Type	Designation	Other Number	Class Description
WX3168	WX3168		UHF load lamp
WX3169	ClA		See C1A
WX3170	C6A		See C6A
WX3172	672		See 672
L3175B	L3175B		CW magnetron
L3177B	L3177B		CW magnetron
WX3178	WX3178		UHF load lamp
WX3187	WL414		See WL414
WX3194	WL682		See WL682
WX3199	1B24		See 1B24
ZB3200	3200		See 3200
3200	3200		Transmitting triode amplifier modula-
3200	5260		tor
VX3206	V.X3206		CW tunable magnetron, (British)
WX3210	1B26		See 1B26
L3221A	L3221A		CW magnetron
SE3222	22		Obsolete Navy number. See 22
3222	22		See 22
L3223B	L3223B		CW magnetron
WX3225	WL473		See WL473
WX32300	678		See 678
WX3239	WX3239		TR tube
WX3240B	1B45		See 1B45
WX3240D	1B41		See 1B41
WX3240G	1B49		See 1B49
WX3243	WX3243		Klystron
WX3243A	2K51		See 2K51
WX3243B	2K52		See 2K52
WX3243C	2K53		See 2K53
WX3260	WL619		See WL619
VX3263	VX3263		Triode, pulsed oscillator (British)
WX3264	VX3264		Magnetron, pulsed, tunable
3294	865		See 865
WX3296	WX3296		CW magnetron, X band
WX3297	6285		See 6285
WX3308	WX3308		TR switching tube
WX3310	WX3310		Geiger counter tubes
WX3318	5974		See 5974
WX3320	5939		See 5939
WX3346	6260		See 6260
WX3351	WX3351		Proportional counter, Gamma
L3356	L3356		Traveling wave tube
3373	27		See 27
3382	112A		See 112A
L3441A	QK984 or L3441A	OK984	Backward Wave Oscillator
L.3444A	OK985 or L3444A	OK985	Backward wave oscillator
L3446A	L3446A	4*****	Backward wave oscillator
L3448A	L3448A		Backward wave oscillator
EX3465	EX3465		Cathode ray tube.
			Superseded by K1055
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	/ Current		
Tube Type	Designation	Other Number	Class Description
3572 L3601-1 3675 3717 L3731 L3742 WX3751	866 A L3601-1 826 A 858 L3731 VA811C/L3742 WX3751		See 866A Packaged, pulsed magnetron See 862A See 858 Pulsed packaged magnetron See VA811C/L3742 5-inch flat face cathode ray tube
WX3798	WX3798 WX3810		Cathode ray tube, high resolution, low drive Light image intensifier
WX3810 3841 3864A 3871 SE3872	80 864 50 30		See 80 See 864 See 50 See 30
3872 SE3873 3873 3918	30 32 32 874		See 30 See 32 See 32 See 874 See 45
3921 3924 3945 3982 WX3989	45 24A 845 3982 WX3989		See 24A See 845 Gas phototube Storage vidicon
BX4000 VRX4000 A4002B 4004	BX4000 VRX4000 837 4004		Beam switching tube Corona, high voltage regulator tube See 837 Traveling wave tube
4005 A4006B 4012 B4021	4005 1659 4012/A1157 B4021	A1157	Traveling wave tube See 1659 Traveling wave tube Numerical indicator (Nixie) See UP1
Z4026 B4032 4035 A4051 • A4051G	3UP1 7977 4035 807 8018		See 7977 Magnetron, modified 7111 See 807 See 8018
A4051H A4051J A4073F 4077A	8007 807 6AC7W CV33		See 8007 See 807 See 6AC7W See CV33 Numerical indicator (Nixie)
B4081 Z4081 R4100 R4101 4102	B4081 7UP 631P1 631P1 871		See 7UP See 631P1 See 631P1 See 871 Superseded by 1625
A4107 A4154D 4171 R4200 A4229	A4107 1624 71A 648P1 8001		Supersected by 1023 See 1624 See 71A See 648P1 See 8001

	Current Service		
Tube Type	Designation	Other Number	Class Description
4242A 4251A	4242Å 4251Å		Transmitting triode Transmitting triode
SYT4260T	SYT4260T		Traveling wave tube (with cables)
4260	FG17		See FG17
4261	FG17		See FG17
A4270	1639		See 1639
4270A	CV30		See CV30 See 1637
A4273	1637		See 6SN7W
A4273B	6SN7W 4282B		Transmitting tetrode
4282B M4296	M4296		Magnetron, fixed frequency
Z4300	12DP7C		See 12DP7C
Z4303	12DP7C		See 12DP7C
4313C	CV75		See CV75
Z4315	12SP7D		See 12SP7D
Z4316	12SP7D		See 12SP7D
Z4324P25	Z4324P25	7755655	Cathode ray tube, electrostatic focus, magnetic deflection
R4330	R4330	R4330	Flash tube
4330	R4330		See R4330
R4340	R4340		Photoflash tube
R4350	R4350		Polychromatic strobotron See 6AK6
A4361	6AK6	4374	Obsolete Navy number. Selected O1A
SE4374	SE4374 SE4374	4374	See SE4374
4374 A4375A	6AQ6		See 6AQ6
GL4386	7AKP19, P25		See 7AKP19, P25
A4388	50B5		See 50B5
R4410	R4410	ES10816	Diode gas discharge tube (cold cathode)
Z4413P7	5DNP		See 5DNP
Z4414	7AYP		See 7AYP
A4422B	A4422B		VHF beam power amplifier
A4425A	A4425Å		VHF beam power amplifier See 6.16
A4434	6J6		See 6BF6
A4442	6BF6 A4444		Miniature remote cutoff,
A4444	. A4444		UHF pentode
A4450	6AQ5		See 6AQ5
A4454	26C6		See 2606
A4465E	26A6		See 26Å6 See 35
4465	35		Receiving acorn type remote
A4466	A4466		pentode amplifier See 6AS7G
A4475	6AS7G		See 7ATP
GL4475	7ATP A4481		Miniature remote cut off
A4481			UHF acorn pentode Miniature pentode amplifier
A4485	A4485		Miniature pentode amplifier R.F. power amplifier pentode
A4494	A4494		n.r. power umpittier pentode

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	Current		
Tube Type	Service Designation	Other Number	Class Description
ruse rype	Designation	Other Homber	Cluss Description
Z44 95	6DP7		See 6DP7
A4513	1AC5		See 1AC5
A4522A	12AX7		See 12AX7
A4524A	6BH6		See 6BH6
A4535	6080		See 6080
A4535A	6080		See 6080
A4541H	5763		See 5763
4610	36		See 36
4611	37		See 37
4612	38		See 38
Z4619P4	Z4619P4		Cathode ray tube, rectangular,
Z4019P4	24019P4		21 inch
Z4623P24	Z4623P24		Cathode ray tube, 16 inch, electro-
T .050DT	101000		static deflection and focus
Z4652P7	12ASP7		See 12ASP7
\$4677	S4677		Webster ballast tube
Z4718P19	12AMP19		See 12AMP19
Z4870P7	8SP7		See 8SP7
Z4889P19	Z4889P19	K2261, SC3526	Cathode ray tube, high drive version of 12AMP19
ET5000	ET5000		Cathode ray tube, 5 inch
VXR-5000	VXR-5000		High voltage regulator tube
A5006	A5006		Diode pentode. Obsolete
A5008 A	A5008A		Miniature diode pentode
Z5010	Z5010		Klystron
BK5013	BK5013		Klystron (Polarad)
H5015	3D21		See 3D21
B5016	B5016		Numerical indicator (Nixie)
Z5020	Z5020		CW magnetron
Z5020 Z5023	A5023		Special 12A6 with diode. Obsolete
	VX5028		CW klystron (British)
VX5028			See 8037
B5031	8037	E211	
VX5031	VX5031	5311	Phototube similar to 931A (British)
A5034A	A5034A		Grid controlled electron multiplier
H5037	H5037		Photomultiplier
Z5040	Z5040		Voltage tunable magnetron
Z5053	Z5053		Transmitting tube, similar to 6942 and 6183
Z5053/6942	6942		See 6942
Z5069	7390		See 7390
Z5082	Z5082		Traveling wave tube
A5089	A5089		Miniature sharp cut off pentode
B5092	8421		See 8421
Z5098	Z5098		Voltage tunable magnetron
Z5112	Z5112		Voltage tunable magnetron
	Z5112 Z5114		TV camera tube
Z5114	Z5114 Z5118		Voltage tunable magnetron
Z5118			See 3C45
5137	3C45		
Z5139	7391		See 7391
F5303	7C25		See 7C25

	Current Service		
Tube Type	Designation	Other Number	Class Description
Modified F5303	7C23		See 7C23
5311	VX5031		See VX5031
5512	5512		Triode power amplifier oscillator (water cooled)
5513	5513		Transmitting, air cooled triode
5514	5514	HD69	HI Mu power triode. Supersedes HY30Z, HY40, HY40Z, HT51A, B and Z.
5516	5516	HD57	Transmitting tetrode
5517/CK1013	5517		See 5517
5517	5517	CK1 013, QM296	Cold cathode gas rectifier, replaces 1B48, see also 6793
5518	5518		Transmitting forced air cooled triode
5519	5519		X-ray tube
5520	5520		X-ray tube
5521	5521		X-ray tube
5522	5522		X-ray tube
5523	5523		X-ray tube
5527	5527		Television camera tube, supersedes type 1847
5528	5528/C6L		See 5528/C6L
5528/C6L	5528/C6L	5528, C6L, CE326	Thyratron
5530	5530		Transmitting forced air cooled triode
55 31	5531		Transmitting air cooled triode
5532	5532		X-ray tube
5 533	5533		X-ray tube
5534	5534		X-ray tube
5535	5535		X-ray tube
5536	5536		X-ray tube
5537	5537		X-ray tube
5538	5538		X-ray tube
5539	5539		X-ray tube
5540	5540		X-ray tube
5541	5541		Transmitting forced air cooled triode
5542	5542		Transmitting air cooled triode
5544	5544		Thyratron, inert gas
5545	5545		Thyratron triode
5549	5549		Transmitting forced air cooled triode
5550	5550	GL-415, WL681/686, WL681, IR21, WL686	Diode gas rectifier (ignitron)
5551	5551	FG271, WL652/657, WL652	Diode gas rectifier (ignitron)
5551-A	5551-A	5551A/652	5551 with thermostat mount
5551A/652	5551A		See 5551A
5552	5552	FG235A, WL656	Diode gas rectifier (ignitron)
5552A	5552A	5552A/651	5552 with thermostat mount
5552A/651	5552A	<u>-</u> -	See 5552A
5553	5553	FG258A, WL655/658	Diode gas rectifier (ignitron)
5553A	5553A		Improved 5553

	Current Service		
Tube Type	Designation	Other Number	Class Description
5553B 5553B/655 5554 5555	5553B 5553B 5554 5555	5553B/655 FG259B FG238B	5553 with thermostat mount See 5553B Diode gas rectifier (ignitron) Diode gas rectifier (ignitron) Transmitting triode (low power)
5556 5557 5557/FG17 5558 5558/FG32	5556 FG17 FG17 FG32 FG32 FG57	PJ-8	See FG17 See FG32 See FG32 See FG57
5559 5559/FG57 5560 5560/FG95 5561 5561/FG104	FG57 FG95 FG95 FG104 FG1004		See FG57 See FG95 See FG95 See FG104 See FG104
5562 5563 5563A 5564	5562 5563 5563A 5564		Transmitting tetrode Thyratron triode Thyratron Diode gas rectifier (ignitron) High vacuum rectifier
5566 5567 5568 5569 5570	5566 5567 5568 5569 5570		High vacuum rectifier High vacuum rectifier High vacuum rectifier High vacuum rectifier
5571 5572 5573 5574 5575	5571 5572 5573 5574 5575		High vacuum rectifier High vacuum rectifier High vacuum rectifier High vacuum rectifier High vacuum rectifier
5576 5577 5578 5581	5576 5577 5578 5581		High vacuum rectifier High vacuum rectifier High vacuum rectifier Gas phototube, SW response (similar to 930)
5582	5582		Gas phototube, SW response (similar to 921) Gas phototube, SW response
5583 5584	5583		(similar to 927) Gas phototube, SW response
A-5586 5586	A-5586 5586	VT-123	(similar to 920) Superseded by VT-128 Magnetron, tunable 4J31-35. Similar to QK253
5588 5589	5588 5589		Transmitting forced air cooled triode. See also 6161 Three electrode, cold cathode, inert
5590	5590 5590	401A, 5590/401A	gas filled tube Miniature pentode See 5590
5590/401A 5591	5591	403B, 5591/403B	Miniature pentode

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
5591/403B	5591		See 5591
5592	5592		Transmitting forced air cooled triode
5593	5593		Phase modulator tube
	5594		Thyratron (similar to FG17)
5594			
5599	5599		X-ray tube
5600	5600		X-ray tube
5601	5601		X-ray tube
5602	5602		X-ray tube
5603	5603	5603/398Ā	Receiving power pentode amplifier
5603/398A	5603		See 5603
5604	5604		Transmitting air cooled triode, similar to 889RA and 5667, (air cooled version of 5619)
5604A	5604A		Version of 5604
5605	5605		Crystal diode
5606	5606		Water cooled transmitting triode
5607	5607		Modified 6J21, (CW magnetron)
5608	5608		Receiving twin triode
5500	5000		(voltage amplifier), medium Mu
5608A	5608Å		Receiving twin triode (voltage amplifier), medium Mu
5609	5609		Magnetron (diathermy)
5610	5610		Miniature triode
5611	5611		Klystron
5612	5612		Gas phototube (S-4 response)
5613	5613		Gas phototube (S-4 response)
5614	5614		Gas phototube (S-4 response)
5615	5615		Gas phototube (S-4 response)
5616	5616		Gas phototube (S-4 response)
A5617	A5617		Subminiature double pentode
A3017	7,5017		balanced amplifier
5617	5617		Gas phototube (S-4 response)
5618	5618		Miniature pentode
5619	5619	,	Transmitting water cooled triode. Similar to 889A
5620	5620	FB50, 896, RCA896, WL896	Ballast tube
5621	5621	B6	Ballast tube
5622	5622	B25	Ballast tube .
5623	5623	B47	Ballast tube
5624	5624	B46	Ballast tube
5625	5625	KC-4, ML100	High voltage rectifier
5626	5626		Vacuum switch
5627	5627		Vacuum switch
5628	5628		Pressure indicator tube
5629	5629		Pressure indicator tube
5630	5630		Diode gas rectifier (ignitron)
5632	5632/C3J		See 5632/C3J
5632/C3J ·	5632/C3J	C3J, ELC3J, 5632	Thyratron, gas triode, superseded by 5684/C3JA
5633	5633	SN-944	Subminiature RF pentode. See also 5899
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Tube Type	Current Service Designation	Other Number	Class Description
, , , .	.		
56 56	5656	QM322	Miniature twin pentode (twin 6AK5)
5657	5657		Tunable magnetron
5658	5658		See 880, directly interchangeable except for filament power
5659	5659		Mechanically improved 12A6
5660	5660		Mechanically improved 1208
A5661	A5661		Beam deflection amplifier
5661	566 1		Mechanically improved 12SK7
5662	5662		Miniature inert gas thyratron
5663	5663	GL549	Miniature thyratron, similar to 5696,
CCC 4	ECC 4	CID /A	see also GL546
5664	5664	ClB/A	Improved 3C31/C1B
5665	5665	C16J, ELC16J	Thyratron
5666	5666	ML309	Similar to 889A, requires special water jacket
5667	5667		Transmitting triode (interchangeable with 889RA)
5668	5668		Transmitting triode. Similar to 892
WX5669			Rotary spark gap, not a tube
5669	5669	ML308	Transmitting triode. Similar to 892R
5670	5670	5670WA, 2C51W, 5670WA, 2C51W	Reliable receiving miniature twin triode. Similar to 2C51, see also 6185
CCTOW A	CC70		
5670WA	5670		Version of 5670. See 5670
5671	5671		Transmitting forced air cooled triode
5672	5672		Subminiature pentode
5674	5674		Twin triode electrometer tube
567 5	5675	A2352	Receiving pencil tubes Similar to 5794
5676	5676	CK556AX	Subminiature triode
5677	5677	CK568AX	Subminiature triode
5678	5678	CK569CX, CK569AX	Subminiature pentode
5679	5679		Receiving duodiode. Similar to 7A6
5680	5680		Transmitting triode. Similar to 7C23
5681	5681		Transmitting triode
5682	5682		Transmitting triode
5683	5683/C1J/A		See 5683/C1J/A
5683/ClJ/A	5683/C1J/A	C1J/A, 5683	Thyratron improved ClJ, superseded by ClK
5684	5684/C3J/A		See 5684/C3J/A
5684/C3J/A	5684/C3J/A	5684, C3J/A	Thyratron improved 5632/C3J
5685	5685/C6J/A	3004, 0337 11	See 5685/C6J/A
		ECOE CEI/A	
5685/C6J/A 5686	5685/C6J/A 5686	5685, C6J/A QM328	Thyratron improved C6J Reliable miniature pentode power
EC02	rc07	T0000	amplifier
5687	5687	TS229	Miniature twin triode
5687WA	5687WA		Reliable receiving miniature medium Mu twin triode. Equivalent to 5687
5690	5690		Reliable receiving full wave vacuum rectifier
5691	5691		Reliable receiving high Mu twin triode similar to 6SL7GT,
			see also 6SL7W

	Current Service		
Tube Type	Designation	Other Number	Class Description
5692	5692		Reliable receiving medium Mu twin triode. Equivalent to 6SN7GT
5693	5693		Reliable receiving pentode amplifier. Equivalent to 6SJ7
5694	5694 5695		Receiving double triode amplifier Half wave gas rectifier
5695	5696		Miniature thyratron. Similar to 5663
5696 5607	5697	CK570AX	Subminiature electrometer tube
5697 5702	5702WA	01.370701	See 5702
5702WA	5702WA	5702, 6148	Reliable receiving subminiature sharp
3702WA	3/02#A	3/02, 0140	cut off pentode, equivalent to 5702 and 6148, similar to 6AK5 and 5654.
5702WB	5702WB		Version of 5702WA
5703	5703		See 5703WA
5703WA	5703WA	6149	Reliable receiving subminiature medium Mu triode. Equivalent to 5703 and 6149.
5703WB	5703WB		Version of 5703WA
5704	5704	CK606BX	Receiving subminiature diode
5705	5705		Transmitting triode (similar to 892)
5706	5706		Transmitting triode (similar to 892R)
5710	5710		Transmitting forced air cooled triode similar to ZP436
5711	5711		X-ray tube
5712	5712		X-ray tube Transmitting forced air cooled triode
5713	5713	SN979, SN979D	Reliable receiving subminiature
5718	5718	מפופוום, הופוום	medium Mu triode
5718A	5718A	CN 000 CC1140 F	Equivalent to 5718. See 5718 Reliable receiving subminiature high
5719	5719	SN-980, SÇ1140A, SN-980D	Mu triode. Similar to 5637
5719A	5719A		Equivalent to 5719. See 5719
5720	5720	OKOOF	Thyratron, mercury vapor
5721	5721	QK205	Klystron Miniature noise diode
5722	5722 5725/6AS6W	SD1033	See 5725/6AS6W
5725	5725/6AS6W	5725, 6AS6W, QM558,	Reliable receiving miniature dual con-
5725/6AS6W		5725/6AS6W/6187	trol pentode. Equivalent to 6AS6 and 6187 similar to 6486
5725/6AS6W/6187	5725/6AS6W		See 5725/6AS6W
5726	5726/6AL5W	CALEM (7175)	See 5726/6AL5W
5726/6AL5W	5726/6AL5W	6AL5W, Z1751, 5726, QM559	Reliable miniature duo diode. Equivalent to 6AL5 and 6097
5726/6AL5W/6097	5726/6AL5W/6097	5726, QM559, Z1751, 6AL5W	Reliable miniature duo diode
5727	5727/2D21W	Ends JDJJm	See 5727/2D21W
5727/2D21W	5727/2D21W	5727, 2D21W	Reliable miniature thyratron. Equivalent to 2D21
5 728	5728		Thyratron
5 729	5729		Radial beam switching tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
5730 5731	5730 5731		Radial beam switching tube Receiving acom UHF triode (selected 955A)
5732 5734 5736 5737	5732 5734 5736 5737	C796C, C798B	Rugged 6K7 (Canadian) Triode transducer tube Transmitting triode forced air cooled Transmitting triode
5738 5739 5740 5741	5738 5739 5740 5741	FP54	Electron beam commitator Ionization gauge Receiving space charge grid tube High voltage high power vacuum
5742 5743 5744 5744WA	5742 5743 5744 5744WA	5744, 6151	rectifier Receiving triode power amplifier Transmitting triode. Similar to L1300 See 5744WA Reliable receiving subminiature high Mu triode. Equivalent to 5744 and
5744 WB	5744WB		6151 Reliable subminiature triode, superseding 5744WA
57 45 57 46	5745 5746	WE394	X-ray tube X-ray tube
5747 5748 5749	5747 5748 5749/6BA6W	WE394	X-ray tube X-ray tube See 5769/6BAvW
5749/6BA6W 5750	5749/6BA6W 5750/6BE6W	Z1749, 5749, 6BA6W	Reliable receiving miniature pentode. Equivalent to 6BA6 See 5750/6BE6W
5750/6BE6W	5750/6BE6W	Z1750, 5750, 6BE6W	Reliable receiving miniature pentogrid converter. Equivalent to 6BE6
5751	5751 5751	Z1764, 5751WA	Reliable receiving hi Mu twin triode similar to 12AX7 and 6057 See 5751
5751WA 5751W1 5755	5751Wl 5755	520Å, 1554	High reliability version of 5751 Twin triode receiving
5757 5758 5759	5757 5758 5759	QM502	Water cooled transmitting tube Air cooled transmitting tube Transmitting triode Water cooled transmitting triode
5760 5761 5762	5760 5761 5762		Air cooled transmitting triode Transmitting air cooled triode, supersedes 7C24
5763	5763	A4541H	Miniature beam power VHF amplifier, transmitting version of 6AQ5
5764	5764	SB846B, SB846D	Probeless version of 2C36 for Navy application
5765 5766	5765 5766		Planar triode power amplifier Planar triode power amplifier oscillator
5767	5767	SB846H	Transmitting planar triode

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	Current Service		
Tube Type	Designation	Other Number	Class Description
5805	5805		Subminiature pentode power amplifier (hearing aid)
5806	5886	P10	Subminiature electrometer tube
5807	5807		Subminiature pentode (hearing aid)
5811	5811	610	Subminiature electrometer tube (hearing aid)
5812	5812		Transmitting beam power pentode
5813 5814	5813 5814A	212 (Vericon) 5814, 5814WA, 12AU7W	Television pick up tube See 5814A
5814A	5814A		Reliable miniature medium Mu twin triode, equivalent to 5814 and 5814WA. Similar to 12AU7
5814WA	5814A		See 5814A
5814WB	5814WB		Equivalent to 5814A
5817	5817	SRC12	Klystron
5818	5818	SRC13	Klystron
5819	5819		Photomultiplier
5820	5820		Image orthicon (television pick up)
5821	5821		Ignitron (mercury)
5822	5822	CVIIAAA	Ignitron
5823	5823	CK1090	Miniature, cold cathode glow dis- charge triode
5824	5824		Beam power amplifier, version of 25B6G
5825	5825		Half wave high vacuum rectifier
5826	5826		Image orthicon television pick up
5828	5828 5829		Subminiature medium Mu triode See 5829WA
5829 5829WA	5829WA		Reliable receiving subminiature twin
JOZJNA	3023WA		diode, equivalent to 5829, similar to 5726/6AL5
5830	5830		Triode thyratron
5831	5831	A2275	Very high power transmitting triode
5833	5833		Transmitting triode similar to 895R
5834	5834	NL649/5834, NL649	Half wave rectifier
583 5	5835	NL653/5835, BR-3	Half wave rectifier
5836	5836	SN1103D	Reflex klystron Reflex klystron
5837 5838	5837 5838		Reliable receiving full wave high
3030	3630		vacuum rectifier, similar to 6X5 with 12.6 volt heater
5839	5839		Reliable receiving full wave high vacuum rectifier, similar to 6X5 with 26.5 volt heater
5840	5840	SN973B, SN1039A, SN973C	Reliable receiving subminiature sharp cut off pentode, similar to 5638 and 6153
584 0A	5840A		Equivalent to 5840, See 5840
5841	5841		Subminiature voltage regulator

	Current Service		
Tube Type	Designation	Other Number	Class Description
5842 5844	5842 5844	1547, WE417A, 417A	Miniature triode Miniature receiving medium Mu twin triode computer tube, similar to 6J6 and 6211
5845	5845		Miniature double diode
5846	5846		Reference cavity – not a tube
5847	5847	404Å	Miniature pentode voltage amplifier
5849	5849	P-11	Subminiature pentode (hearing aid)
5850	5850	G-11	Subminiature pentode (hearing aid)
5851 5852	5851 5852	C2115	Subminiature beam power pentode Reliable receiving full wave high vacuum rectifier, similar to 6X5
5853	5853	TR368	TR tube
5854	5854	CK503AX	Subminiature power output pentode
5855	5855		Thyratron
5857	5857		Secondary emission heptode multiplier
5858	5858 5859		Transmitting triode similar to 498
5859 5860	5860		X-ray rectifier X-ray rectifier tube
5861	5861		Triode power amplifier (Dutch)
5863	5863	X7109	TR tube
5864	5864	ATR321	ATR tube
5865	5865	TR361, 5865/TR361	Band pass TR tube
5865/TR361	5865	11.001, 0000, 11.001	See 5865
5866	5866		Transmitting triode
5866A	7986		See 7986
5867	5867		Transmitting triode
5868	5868		Transmitting triode
5869	5869		Mercury vapor rectifier
5870	5870		Mercury vapor rectifier
5871	5871		Receiving power output pentode (Canadian 6V6GT)
5873	5873		Subminiature RF pentode
5874	5874		Triode modulator (water cooled)
5875	5875 5976	A2351	Subminiature RF pentode
5876 5877	5876 5877	A2331	UHF pencil triode Thyratron, multi electrode-gas filled
5878	5878		Thyratron, gas filled
5879	5879		Miniature pentode voltage amplifier
5881	6L6WGB		See 6L6WGB
5883	5883	ATR381	ATR tube
5884	5884	QF477	Subminiature twin tetrode electro- meter
5885	5885		Subminiature twin tetrode electro- meter
5886	5886	CK571AX	Subminiature electrometer pentode
5887	5887	75N	Beta-gamma counter tube
5888	5888		Gamma counter tube
5889	5889		Subminiature electrometer pentode (similar to 5886)

	Current Service		
Tube Type	Designation	Other Number	Class Description
5890	5890		Beam pentode voltage regulator
5891	5891		Transmitting triode (forced air cooled)
5892	5892		Gas rectifier
5893	5893	A2317, A2317C	UHF pencil triode
5894	5894	AX9903/5894	Beam transmitting twin tetrode, improved 829B
5895	5895		Twin tetrode-transmitting amplifier
5896	5896	SD994B	Reliable receiving subminiature twin diode, see also 6052
5896A	5896A		Equivalent to 5896, see 5896
5897	5897	SD993C	Subminiature triode voltage amplifier oscillator
5 898	5898	SD992C	Subminiature triode voltage amplifier
5899	5899	SN972D	Reliable receiving subminiature semi- remote cut off pentode, similar to 6154
5899A	5899A		Equivalent to 5899, see 5899
5900	5900	SD995B, 5900/5899	Subminiature pentode voltage ampli- fier, use 5899
5900/589 9	5900		See 5900
5901	5901	SD996B	Subminiature pentode voltage ampli- fier, use 5840
5902	5902	SN976, SN976D	Reliable receiving subminiature audio beampower pentode
5902A	5902A		Equivalent to 5902, see 5902
5902WA	5902WA		Equivalent to 5902
5903	5903	SD989B	Reliable subminiature full wave recti- fier, see 6053
5904	5904	SD9 88 C	Reliable subminiature triode, see 6055
5905	5905	SN983B	Reliable subminiature pentode
5906	5906	SN985B	Reliable subminiature pentode
5907	5907	SD990B	Reliable subminiature pentode, see 6056
5908	5908	SN984A	Reliable subminiature pentode
5910	5910		Miniature pentode voltage amplifier, similar to 1U4
5915	5915		Miniature receiving heptode computer tube
5915A	5915A		Equivalent to 5915, see 5915
5916	5916	SN986B	Reliable subminiature UHF pentode
5917	5917		Transmitting triode (water cooled)
5918	5918		Water cooled transmitting triode
5919	5919		Forced air cooled transmitting triode
5920	5920		Receiving miniature twin triode amplifier
5921	5921	ATR348	ĀTR tube
5922	5922	ATR349	ATR tube
5923	5923		Water cooled transmitting triode
5924	5924		Forced air cooled transmitting triode

	Current Service		
Tube Type	Designation	Other Number	Class Description
5925	5925	TR331	TR tube
5927	5927	TR350	TR tube
5928	5928	X-168	Packaged magnetron
5929	5929	X190	Traveling wave amplifier
5930	5930	2A3W	Ruggedized receiving triode power amplifier similar to 2A3
5931	5931	5U4WG	Ruggedized receiving full wave vacuum rectifier, similar to 5U4G
5932	5932	6L6WGA, 5932/656WGA	Ruggedized receiving beam power am- plifier pentode, similar to 6L6GA, superseded by 6L6WGB
5932/6L6WGA	5932		See 5932
5933	5933	807W	Ruggedized transmitting pentode amplifier similar to 807
5933WA	5933WA	807WA	Reliable transmitting pentode ampli- fier, equivalent to 5933, similar to 807
5934	5934		High voltage half wave rectifier
5935	5935		VHF voltmeter diode
5936	5936		Water cooled transmitting triode
5937	5937		Klystron (modified 2K25)
5939	5939	WX3320	Pre TR tube
5939A	5939A		Improved 5939
5941	5941	70N	Beta-gamma counter tube
5942	5942	70NB	Beta-gamma counter tube
5943	5943	90N	Beta-gamma tube
5944	5944	90NB	Beta-gamma tube
5946	5946		Forced air cooled transmitting triode,
			pulse tested version of 6161
5947	5947		Voltage reference diode
5948	5948	1754, H-6000, 5948/1754, VC1754	Hydrogen thyratron
5948/1754	5948	VC1754, 1754	See 5948
5948A	5948A	,	Quick warm-up version of 5948
5949	5949	19007, H-500, 5949/1907	Hydrogen thyratron
5949/1907	5949		See 5949
5949A	5949A		Quick warm-up version of 5949
5950	00.000		Subminiature corona voltage regulator
5956/E36	5956/E36	E-36	Hydrogen thyratron
5957/E37	5957/E37	E-37	Hydrogen thyratron
5958/E40	5958/E40	E-40	Hydrogen thyratron
5959/E41	5959/E41	E-41	Hydroger, thyratron
5960	5960	10-54448, S-340	Gas discharge tube, ruggedized
5961	5961	10 01110, 0-010	Pentagrid converter (Canadian reliable 6SA7)
5962	5962	BS-101, CR300,	Miniature corona discharge voltage
		BS-101/5962, CK1017, CE300	regulator

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Tube Type	Designation	Other Number	Class Description
5963	5963		Miniature twin triode computer tube
5964	5964		Miniature twin triode computer tube
5965	5965		Miniature receiving medium Mu twin
		,	triode computer tube equivalent to 6829 and 6414
5966	5966		Ionization gauge
5967	5967	QF454	VHF miniature twin triode
5968	5968	QK456	VHF subminiature double triode, receiving tube
CK5969	5969	~	See 5969
5969	5969	CK5969, QF452	VHF subminiature double tetrode
5970	CK5970	QF455	VHF subminiature double pentode
5971	5971	QK478	VHF subminiature triode, ruggedized
5972	5972	QF453	VHF subminiature RF pentode, shielded, receiving tube
5973	5973	ZV1798/5973	Diode rectifier
5974	5974	WX3318	Oil cooled diode rectifier
5975	5975		Receiving subminiature medium Mu triode, similar to 6152
5976	5976		Klystron
5977	5977	SR1538	Reliable receiving subminiature medium Mu triode
5977A	5977A		Equivalent to 5977. See 5977
5978	5978		Gamma counter tube
5979	5979	BS-1, 150N, 1B80, N50NA, BS1/5979, 150NA	Beta-gamma counter tube. See also 8378
5980	5980	BS-2, 151N, 151NA, BS2/5980	Gamma counter tube
5981	5981	5981/5650	Klystron oscillator
5981/5650	5981		See 5981
5982	5982		Pulsed packaged magnetron
5985	5985		Receiving miniature beam power tube
5987	5987	SC968B	Reliable receiving subminiature low Mu power triode
B5991	8422		See 8422
5992	5992		Reliable receiving beam power amplifier similar to 6V6
5993	5993		Receiving receiving miniature full wave high vacuum rectifier, similar to 6X4
5994	5994		Air cooled transmitting beam tetrode
5995	5995		Subminiature diode
5996	5996		Forced air cooled transmitting triode
5997	5997		Image intensifier
5998	5998	421A	Receiving twin triode
H-6000	5948		See 5948
X6000	3J 3 0		See 3J30
6001	2J42		See 2J42
6002	6002	QK 221	Packaged magnetron

	Current Service		
Tube Type	Designation	Other Number	Class Description
X6003 6003 6004 6005 6005/6AQ5W	3J31 6003 6004 6005/6AQ5W 6005/6AQ5W	6005, Z2106, 6095, Z1499, 6005/6AQ5W/6095	See 3J31 Packaged magnetron Full wave rectifier See 6005/6AQ5W Reliable miniature beam power amplifier tetrode, equivalent to 6AQ5 and 6095
6005/6AQ5W/6095 6006	6005/6AQ5W 6006		See 6005/6AQ5W Ruggedized remote cut-off pentode (Canadian) version of 6SG7
6007 6008 6009 6010 6011 X6011 X6012 6012 6013 6014 6015	6007 6008 6009 6010 6011 1B24 1B28 6012 6013 6014 6015		Subminiature pentode (hearing aid) Subminiature pentode (hearing aid) Water cooled transmitting triode Subminiature triode Mercury thyratron See 1B24 See 1B28 Gas thyratron (tetrode) Inert gas rectifier Thyratron Hot cathode gas rectifier
6018 6019 6021	6018 6019 6021	SB846F	UHF triode – plate pulsed Transmitting tetrode tube Reliable receiving subminiature medium Mu triode, equivalent to 6BF7 and 6021A, similar to 2C51 and 5670
6021A 6021WA 6022 6023 6024 R6025	6021A 6021WA 6022 6023 6024 10FP4	ATR332 ATR387	Equivalent to 6021, see 6021 Equivalent to 6021 ATR tube Dual gas - switching tube Modified 1B56 ATR tube See 10FP4
6026 6027 6028 6029 X6030	6026 6027 6028 6029 X6030	2J42Å 408A CK573AX	Subminiature triode Packaged magnetron Miniature pentode Subminiature triode Diode rectifier (similar to 2AC15 except base)
X6031 X6032 6032 6032A X6033 6033 X6034 6034 X6035 6035 X6036	1B35 1B50 6032 6032A 1B51 6033 1B55 6034 1B52 6035 1B54	C7128B	See 1B35 See 1B50 Infra-red image tube Infra-red image tube, high sensitivity See 1B51 ATR tube See 1B55 ATR tube See 1B52 TR tube See 1B54

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Tube Type	Designation	Other Number	Class Description
6036	6036		Germanium photo diode
6037	6037/QK243	QK243	See 6037/QK243
6037/QK243	6037/QK243	QK243, 6037	Reflex klystron
6038	1B35A	ATR414	See 1B35A
6039	6039	AIIIII	
6040	6040		Water cooled transmitting triode
X6041	X6041		Reference cavity
6041	6041		Packaged magnetron
6042	6042		Reference cavity
0042	0042		Ruggedized receiving twin triode sim- ilar to 6SN7GT (British)
6043	6043	QK159	Klystron
X6044	1B63A		See 1B63A
6044	6044		Thyratron
6045	6045		Double triode
604 6	6046	•	Special version of 25L6GT
6047	6047	XA-34	Binary adder tube (Canadian)
6048	CW10		See CW10 (Canadian)
6049	6049		Reliable subminiature pentode
6050	6050		Subminiature triode, selected 5676
6051	6051	QF709	Ruggedized subminiature pentode
6052	6052	4	Subminiature dodiode, high tempera- ture version of 5896
6053	6053		Ruggedized subminiature double diode, high temperature version of 5903
6054	6054	R2151	Secondary emission amplifier tube
6055	6055	5904	Subminiature medium Mu triode rug-
	0000		edized
6056	6056	5907	Ruggedized subminiature remote cut- off pentode
6057	6057		Miniature receiving hi Mu twin triode (British), similar to 12AX7 and 5751
6058	6058		Miniature twin diode (British)
6 059	6059		Miniature pentode (British)
6060	6060		Miniature double triode (British)
6061	6061		Miniature beam power amplifier (British)
6062	6062		Miniature pentode (British)
6063	6063		Miniature full wave rectifier (British)
6064	6064		Miniature pentode similar to type 6AM6 (British)
6065	6065		Miniature pentode ruggedized (British)
6066	6066		Miniature double diode triode (British)
X6067	X6067		Broadband TR similar to 1B63
6067	6067		Miniature twin triode (British)
6068	6068		Subminiature pentode (hearing aid)
6069	6069		Subminiature pentode (hearing aid)
		No.	

	Current Service		
Tube Type	Designation	Other Number	Class Description
6072 6072A	6072 6072A	Z2101	Reliable receiving miniature low noise Improved 6072 twin triode, similar to 12AY7
6073	6073		Ruggedized miniature voltage regula- tor, equivalent to OA2, see 6626/OA2WA
6074	6074		Ruggedized miniature voltage regula- tor, equivalent to OA2, see 6627/OB2WA
6074/OB2WA	6074		See 6074
6075	6075	AX9907	Water cooled transmitting tetrode
6076	6076	AX9907R	Forced air cooled transmitting tetrode
6077	6077	AX9906/6077	Water cooled transmitting triode
6078	6078	AX9906/6078	Forced air cooled transmitting triode
6079	6079	AX9908	Transmitting tetrode
6080	6080WA	A4535, A4535A	See 6080WA
6080WA	6080WA		Reliable low Mu twin power triode, similar to 6AS7G
6080WB	6080WB		Equivalent to 6080WA
6081	6081	ATR407	ATR tube
6082	6082		Low Mu twin power triode, (Ef = 26.5v) similar to 6080
6082A	6082Å		Equivalent to 6082
6082WA	6082WA		Equivalent to 6802
6083	6083	AX9909	Transmitting pentode
6084	6084		Miniature pentode (Dutch)
6085	6085		Miniature twin triode (Dutch)
6086	6086	7000	Miniature pentode (Dutch)
6087	5Y3WGTB	Z2099	See 5Y3WGTB
6088	6088	CK522AX	Subminiature pentode
6089	6089		Reference cavity
X6090	X6090	DDC 104	Ionization tube 18 element radial beam tube
6090	6090	RBE-18A	See 8423
B6091	8423		Radial beam tube, 18 channels
6091	6091		Cathode ray tube, 12 inch, magnetic
R6092	R6092		focus and deflection, metal shell Subminiature pentode
6092	6092		Reliable receiving miniature beam
6094	6094		power amplifier, similar to 6005 and 6AQ5
6095	6005/6AQ5W		See 6005/6AQ5W
6096	5654/6AK5W		See 5654/6AK5W
6097	5726/6AL5W/6097		See 5726/6AL5W/6097
6098	6098/6AR6WA		See 6098/6AR6WA
6098/6AR6WA	6098/6AR6WA	6098	Ruggedized tetrode power amplifier, equivalent to 6AR6
6098W	60 9 8W		See also 6384, Equivalent to 6098/ 6AR6WA
6099	6099		Equivalent to 6J6, see also 6007

Tube Type	Current Service		
rube rype	Designation	Other Number	Class Description
6100 6100/6C4WA 6101 6101/6J6WA 6102 6103 6106	6100/6C4WA 6100/6C4WA 6J6WA 6J6WA 6102 6103 6106	6100, 6C4WA	See 6100/6C4WA Reliable miniature HF triode See 6J6WA See 6J6WA Oil cooled high vacuum diode Forced air cooled high vacuum diode Reliable receiving full wave high vacuum rectifier, equivalent to 5Y3GT, similar to 6853
6107	6107	BS-212	Integrator tube
6108	6108	BS-213	Integrator tube
6109	6109	BS404	Corona discharge voltage regulator tube
6110	6110		Reliable receiving subminiature twin diode
6111	6111		Reliable receiving subminiature medi- um Mu twin triode
6111A	6111A		Equivalent to 6112
6111WA	6111WA		Equivalent to 6111
6112	6112		Reliable receiving subminiature high
C1101	61101		Mu twin triode
6112A	6112A		Equivalent to 6112
6112WA 6113	6112WA		Equivalent to 6112
6115	6113 6115	ORSEL ORSE	Twin triode
6115A	6115A	QK351, QK318	Reflex klystron
6116	6116	QK361, TE39	Reflex klystron Reflex klystron (avaged 2K4E)
6117	6117	QR301, 1E39	Reflex klystron (rugged 2K45) TR tube – similar to 1B58
6118	6118		Duplex diode triode (Canadian
			reliable 6Q7)
6119	6119		Corona regulator tube
6121	6121		Filament subminiature triode
R6122	R6122		Cathode ray tube
6122	6122/Z1700		See 6122/Z1700
6122/Z1700	6122/Z1700	Z1700, 6122	CW magnetron
6123 6123/Z1701	6123/Z1701	71701 6122	See 6123/Z1701
6124	6123/Z1701	Z1701, 6123	CW magnetron
6124/Z1702	6124/Z1702 6124/Z1702	Z1702, 6124	See 6124/Z1702
6125	6125/Z1703	21/02, 0124	CW magnetron See 6125/Z1703
6125/Z1703	6125/Z1703	Z1703, 6125	CW magnetron
6126	6126/Z1908	21,00,0120	See 6126/Z1908
6126/Z1908	6126/Z1908	Z1908, 6125	CW magnetron
6127	6127/Z1704	·	See 6127/Z1704
6127/Z1704	6127/Z1704	Z1704, 6127	CW magnetron
6128	6128	Z1782	ATR tube
6129	6129	Z1783	TR tube
6130	6130	KU-43, E-42,	Hydrogen thyratron (high altitude
6132	6132	3C45/6130, 45Z3	version of 3C45) Miniature video pentode (British)

	Current Service		
Tube Type	Designation	Other Number	Class Description
6133	6133	2K28Å	Klystron
6134	6AC7WA		See 6AC7WA
6135	6135		Reliable receiving miniature medium Mu triode (½ of a 5814), similar to 6C4
6136	6AU6WA		See 6AU6WA See 6SK7WA
6137	6SK7WA		
6140	6140	407 A C1 41 /407 A	Voltage reference tube
6141	6141	427Å, 6141/427Å	Gas voltage regulator with starter
6141/427A	6141		See 6141
6142	6142		Subminiature gas diode voltage regulator
6143	6143		Subminiature corona regulator tube (similar to CK 1039)
6144	6144		Noise diode
6145	6145		Receiving pentode, video amplifier
6146	6146		UHF beam power amplifier oscillator
6146W	6146W		Equivalent to 6146
6147	5147		Receiving subminiature beam power
			tetrode (selected 5851)
6148	5702WA		See 5702WA
6149	5703WA		See 5703WA
6150	5784WA		See 5784WA
6151	5744WA		See 5744WA
6152	6152		Reliable receiving subminiature medium Mu triode, similiar to 5975
6153	6153		Subminiature pentode, similar to 5840
6154	6154		Subminiature pentode, similar to 5899
6155	6155		Transmitting tetrode, similar to 4D21
6156	6156		Transmitting tetrode, similar to 5D22
6157	6157		Miniature rectifier (British)
6158	6158		Miniature twin triode (British)
6159	6159		VHF beam power amplifier, oscillator Equivalent to 6159
6159W	6159W	A2214J	Improved 5588. See 5946. UHF trans-
6161	6161		mitting triode
6162	6162	ATR388A	ATR tube
6163	6163	FD 400	ATR tube
6164	6164	TR429	TR tube
6166	6166		Transmitting tetrode Ten stage cold cathode gas discharge
6167	6167		stepping tube
6169	6169		Ruggedized subminiature triode
6170	6170	R-2070-25 type 5	25 element radial beam tube, baseless version of 6324
6173	6173		Pencil type UHF diode
6174	6174	CK1027	Miniature cold cathode gas rectifier Similar to 5517
6177	6177	QK363	CW magnetron
6178	6178	•	Reflex klystron

Tube Type	Current Service Designation	Other Number	Class Description
Tube Type	Designation	Office Nomber	Cluss Description
6179	6179		Water cooled transmitting triode modulator
6180	6180		Receiving twin triode, ruggedized Similar to 6SN7GT (British)
6181	6181		UHF transmitting power tetrode
6182	6182		Water cooled UHF transmitting tetrode
6183	6183/Z5053		Obsolete, see 6942
6184	6184		Ruggedized subminiature twin diode, similar to 5896
6185	6185		Equivalent to 2C51W
6186/6AG5WA	6186/6AG5WA		Equivalent to 6AG5
6187	6187		Equivalent to 6AS6
6188/6SU7WGT	6188/6SU7WGT		Equivalent to 6SU7GT
6189/12AU7WA	6189/12AU7WA		Equivalent to 12AU7
6193	6193		Ruggedized subminiature twin triode
R6194B	R6194B		Vacuum rectifier
6195	6195		Subminiature rugged beam pentode
6196	6196		Miniature electrometer tube (French)
6197	6197		Miniature amplifier pentode "on-off control"
6198	6198		Vidicon camera tube
6198A	6198Ā		Vidicon, new design eliminates tip, no restriction on position
6199	6199		Ten stage multiplier phototube
6201	12AT7WA		See 12AT7WA
6201/12AT7WA	12AT7WA		See 12AT7WA
6202	6X4WA		See 6X4WA
6203	6203		Reliable receiving miniature full wave vacuum rectifier similar to 6X4
6205	6205		Reliable receiving subminiature sharp cut off dual control pentode
6205Å	6205A		Equivalent to 6205
6206	6206		Reliable receiving subminiature semi- remote cut off dual control pentode
6206A	6206A		Equivalent to 6206
6207	6207		X-ray counter tube
6208	6208		Alpha-beta counter tube
6209	6209		Alpha-beta x-ray counter tube
6210	6210		Alpha-beta x-ray counter tube
6211	6211		Receiving miniature medium Mu twin triode computer tube, similar to 5844 and 6J6
R6212A	6144	TT1	See 6144
6213	6213	-	Receiving subminiature voltage reference, (operating volt. approx. 130v)
6214	6214		ATR tube, similar to 1B35A and 1B37A
6215	6215		Half-wave rectifier
6216	6216		Miniature pentode, filter reactor tube

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
6217	6217		Headon photomultiplier
6218	6218		Reliable miniature beam reflector tube (British)
6221	6221		Reliable receiving subminiature medi- um Mu triode. Equivalent to 5718
6222	6222		Reliable receiving subminiature high Mu triode, Equivalent to 5719
6223	6223		Reliable receiving subminiature sharp cut-off pentode. Equivalent to 5840
6224	6224		Reliable receiving subminiature power pentode
6225	6225		Reliable receiving subminiature semi- remote cut-off pentode. Equivalent to 5840
6228	6228	BL38, QK506	ATR tube
6229	6229/6230	QK299	Pulse magnetron
6230	6229/6230		Pulse magnetron
6231	6231		Inert gas thyratron
6232	6232	TR427	TR tube similar to 1B63
6233	6233	L-3023	Pulse magnetron
6236	6236	L-3023	External cavity reflex klystron
			Forced air cooled power amplifier
6237	6237		klystron
6238	6238		Forced air cooled power amplifier klystron
6239	6239		Forced air cooled power amplifier klystron
6240	6240		Forced air cooled power amplifier klystron
6241	6241		Forced air cooled power amplifier klystron
6242	6242		Forced air cooled power amplifier klystron
6245	6245		Reliable subminiature UHF pentode low voltage version of 5702WA
6246	6246	508/6246	Water cooled transmitting triode
6247	6247	CK628	Reliable receiving subminiature high Mu triode, low noise tube. Similar to 6533, 5702, 5744
6248	6248	QK311, QK311/6248	Magnetron
6249	6249	QK349	Tunable pulsed magnetron
6250	6250	·	Miniature electrometer tetrode (French)
6251	6251		Water cooled VHF transmitting tetrode
6252	6252	AX9910	UHF transmitting double tetrode
6253	6253	QK306	CW reflex klystron
6254	6254	4.1000	CW reflex klystron. Similar to 2K33
			Water cooled transmitting triode
6256	6256		
6257	6257		Water cooled transmitting triode

	Current Service		
Tube Type	Designation	Other Number	Class Description
6258	6258		Forced air cooled transmitting triode
6259	6259		Subminiature voltage reference tube (Canadian)
6260	6250	WX3346	Gas switching window (pre TR when used in pairs)
6261	6261		Modulated beam deflection tube (Canadian)
6263	6263		UHF pencil triode
6264	6264		UHF pencil triode
6265	6265		Miniature pentode. Similar to 6BH6
6267	6267		Miniature pentode (Canadian)
6268	6268	AX9911	Hydrogen thyratron (version of 4C35)
6270	6270		Tunable pulsed magnetron
6271	6271		Tunable pulsed magnetron
6272	6272		Tunable pulsed magnetron
6273	6273		Tunable pulsed magnetron
6274	6274		Tunable pulsed magnetron
6275	6275		Tunable pulsed magnetron
6276	6276		ATR Similar to 1B35
6277	6277	3B28A	Inert gas half-wave rectifier
6278	6278		Xenon thyratron Similar to C5F14
R6279	R6279	NV 0010	Selected 2B22 lighthouse diode
6279	6279	AX-9912	Hydrogen thyratron. Similar to 5C22
6280	6280	416 D	UHF planor triode
6280/416B 6281	6280/416B 6281		UHF planor triode
6282	6282	CK574AX	Subminiature filamentary pentode . Broadband TR tube
6283	6283	CN3/4AX	UHF forced air cooled transmitting
			tetrode
R6285	R6285	DI 11	Selected 2B22 lighthouse diode
6285	6285	BL-11	High power pulsed magnetron
6286	6286	an	Subminiature VHF triode. Similar to 5676
6287 R6288	6287 R6288	SD1064A	Reliable miniature beam pentode Modified type 2D21
6288	6288		Xenon rectifier
6289	6289		Corona discharge voltage regulator
6290	6290		Gamma counter tube
6291	6291	K1189	10 stage photomultiplier
6292	6292	K1186	10 stage photomultiplier
6293	6293	11100	Pulsed modulator beam pentode (6146
			with pulse ratings)
6294	6294 6205		Reflex klystron
6295 6299	6295 6299	L29, Z3011	Reflex klystron
6301	6301	L43, 43011	Miniature lighthouse UHF triode Reference cavity
6303	6303	X80	Transmitting high vacuum rectifier
6304	6304	BL-43	ATR tube
550.	0001	2/2 10	ALAIT CULC

	Current Service		
Tube Type	Designation	Other Number	Class Description
6305	6305		Miniature half-wave rectifier (British)
6306	6306		Gamma counter tube
6307	6307		Proportional counter tube
6308	6308		Reliable receiving subminiature volt- age reference (operating volt. approx. 85v)
6310	6310	V260, QK417/6310	Reflex klystron
6311	6311	V261	Reflex klystron
6312	6312	V-270	Reflex klystron
R6313A	R6313A		Xenon thyratron
6313	6313	V280	Reflex klystron
6314	6314	V290	Reflex klystron
6315	6315	V-153, V-56, V56/6315	Reflex klystron
6316	6316 6320	V151, QK436, BL800A R2193	Reflex klystron oscillator Subminiature twin triode (low heater
6320	6320	1/2133	drain)
632'	6321	R2194	Subminiature twin triode (low heater
33 <u>2</u>			drain)
6322	6322	BL25	TR tube
6323	6323		Nine stage photomultiplier tube
6324	6324	•	25 element radial beam tube, same as
	6005	f 1000 š	6170 with base Full wave rectifier. Similar to
6325	6325	L-1308A	5R4WGY
6326	6326		Vidicon TV camera tube
6327	6327		Beam power pentode (equivalent to two 6AR6'S)
6328	6328		Nine stage photomultiplier tube Vacuum relays
6330	6330 6331		Vacuum relays
6331 6332	6332		Subminiature cold cathode voltage
	6333		regulator Water cooled transmitting triode
6333	0333		Similar to 892
6334	6334	BL27	Dual TR tube (Band Pass)
6336	6336		Reliable twin triode voltage regulator
6336A	6336A		Ruggedized 6336
6336B	6336B		Equivalent to 6336A
6337	6337		Reliable triode voltage regulator
6339	6339		Clipper diode (smaller version of 3B29)
6342	6342		Ten stage photomultiplier tube
6343	6343		Vacuum gage
6344/QK235	6344/QK235		Tunable pulsed magnetron
6345	1HT4		See 1HT4 Ignitron, temperature controlled ver-
6346	6346		sion of 5551/FG271 Ignitron, temperature controlled ver-
6347	6347		sion of 5552

Tube Type	Current Service Designation	Other Number	Class Description
6348	6348		Ignitron, temperature controlled version of 5553
6350	6350		Miniature double triode for computer applications
6351	6351		Miniature secondary emission pentode (British)
6352	6352		Subminiature double diode
6353	6353		Corona regulator tube
6354	6354		Miniature voltage stabilizer (Canadian)
6355	6355	R2164	Twin tuning indicator tube
6356	6356	TD10	Super high frequency gas noise source
6357	6357	TD11	S.H.F. gas noise source
6358	6358	TD12	S.H.F. gas noise source
6359	6359	TD13	S.H.F. gas noise source
6360	6360		V.H.F. receiving twin tetrode
6361	6361	TT25	Position sensing device
6362	6362		Multiplier phototube
6363	6363	K1197	Multiplier phototube
6364	6364	K1198	Multiplier phototube
636 5	6365	K1213	Multiplier phototube
6366	6366		Forced air cooled transmitting triode modulator, R.F. amplifier, oscillator
6 367	6367		Forced air cooled transmitting triode modulator, R.F. amplifier, oscillator
6368	6368		T.R. tube. Small flange modification of 5863
6370	6370		Decade counter tube
6372	6372	C-7157A	Multiplier phototube, alpha counting
6373	6373		Subminiature R.F. output pentode (British)
6374	6374		Subminiature half wave rectifier (British)
6375	6375		U.H.F. subminiature R.F. triode (British)
6376	6376		Fission counter tube
6377	6377		Radiation counter tube
6378	6378	BL-62	Tunable TR tube. Miniature version of 1B24A
6379	6379		Water c∞led transmitting trĭode
6380	6380		Infra-red image tube. Similar to 1C16
6381	6381		Infra-red image tube
R6383	6590		See 6590
6383	6383		Liquid and forced air cooled power tube U.H.F.
6384	6384		Reliable tetrode power amplifier. Equivalent to 6098/6AR6WA
6385	6385		Reliable receiving miniature medium Mu twin triode. Similar to 2C51. 5670 and 6854

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
6386	6386		Reliable receiving miniature medium Mu twin triode
6388	6388		Cold cathode trigger tube, gas filled
6389	6389		Ruggedized reflex klystron
6390	6390		External cavity reflex klystron
6391	6391		Subminiature pentode, low micro- phonics (British)
6393	6393	BL68	Broad band ATR tube
6394	6394		Low Mu twin power triode (26.5 volt version of 6336)
6395	6395		Miniature R.F. pentode non-micro- phonic. Similar to 1U4
6396	6396	BL650	Broad band ATR tube. Similar to 6890/BL650
6397	6397		U.H.F. subminiature pentode. Similar to 6147
6399	6399		Water cooled transmitting triode
6400	6400		Water cooled transmitting triode
6401	6401		U.H.F. forced air cooled transmitting triode
6402	6402	QK437, 6402/QK437	Tunable pulsed packaged magnetron
6402/QK437	6402	•	See 6402
6403	6403	6403/QK303, QK303	Tunable pulsed packaged magnetron
6403/QK303	6403		See 6403
6405	6405	1640, 6405/1640 RCA1640	Gas phototube
6405/1640	6405		See 6405
6406	6406/QK428		See 6406/QK428
6406/QK428	6406/QK428	6 406	Fixed frequency packaged pulsed magnetron
6409/QK436	6409/QK436		Reflex klystron
6410	6410	QK338, 6410/QK338	Pulsed packaged magnetron
6410/QK338	6410		See 6410
6410A/QK338A	6410A/QK338A	QK338A	Pulsed packaged magnetron
6411	6411		Infra-red image tube
6414	6414	,	Reliable miniature receiving medium Mu twin triode computer tube. Equivalent to 5965 and 6829
6417	6417		Miniature VHF beam power pentode (12.6 version of 5763)
6418	6418	CK548DX	Subminiature power amplifier pentode for portable equipment
6419	6419		Subminiature voltage amplifier pen- tode, similar electrically to CK549DX
6420	6420		Water cooled transmitting triode
6421	6421		Water cooled transmitting triode
6421F	6421F		Forced air cooled transmitting triode
6422	6422		Water cooled transmitting triode
6423	6423		Water cooled transmitting triode

	Current Service		
Tube Type	Designation	Other Number	Class Description
6424	6424		Water cooled transmitting triode
6425	6425		Forced air cooled transmitting triode
6426	6426		Water cooled transmitting triode
6427	6427		Forced air cooled transmitting triode
6435	6435		Reference cavity
6436	6436	CK 1036	Subminiature cold cathode gas diode
6437	6437	CK 1037	Corona discharge voltage regulator
6438	6438	CK1038	Corona discharge voltage regulator
6442	6442	Z1911	Microwave triode (lighthouse type)
6443	6443	21311	Miniature half wave rectifier
			(British)
6444	6444		C.W. magnetron
6445	6445		Forced air cooled transmitting triode. Similar to 892R
6446	6446		Water cooled transmitting triode. Similar to 892
6447	6447		Forced air cooled transmitting triode. Similar to 892R
6448	6448		U.H.F. water cooled beam power tetrode
6452	6452		Reference cavity
6455	6455	BL61	ATR tube
6462	6462	R2211	
6463	6463	112211	Magnetic pick up tube
0403	0403		Receiving miniature medium Mu twin
6465	6465	K-484	triode computer tube
6466	6466		Two cavity klystron amplifier
		K-485	Two cavity klystron amplifier
6467	6467	K1231	Ten stage photo multiplier
6468	6468		Integral cavity wave guide output klystron
6469	6469		Integral cavity wave guide output klystron
6470	6470		Integral cavity wave guide output klystron
6471	6471	BS408	Corona discharge voltage regulator
6472	6472		Nine stage photo multiplier
			(headlight control)
6474	6474	1854	Image orthicon
6475	6475		U.H.F. voltmeter diode (probe diode)
6476	6476		Cold cathode decade counter tube
6478	6478		Thyratron
6481	6481		Microwave planar triode
6482	6482		Cold cathode decade counter tube
6483	6483		Cold cathode trigger tube
6485	6485		Receiving miniature pentode (special version 6AH6)
6486	6486		Reliable receiving miniature dual control pentode. Similar to 5725/6AS6W
6486A	6486Å		Equivalent to 6486

	Current Service		
Tube Type	Designation	Other Number	Class Description
6487 6488 6489 6490 6491 6493 6494	6487 6488 6489 6490 6491 6493		Subminiature R.F. pentode (British) Subminiature R.F. pentode (British) Subminiature diode (British) Gamma counter tube Beta-gamma counter tube Travelling wave tube amplifier Travelling wave tube-Dispersive amplifier
6495	6495		Travelling wave tube-Broad band,
6496 6497 6498 6499 6500 6501 6503 6504 6507 6508 6509	6496 6497 6498 6499 6500 6501 6503 6504 6507 6508	C73404 C73405	Backward wave oscillator Numerical indicator (Inditron) Direct view storage tube (Memotron) Barrier grid storage tube (Radechon) Barrier grid storage tube (Radechon) Dual TR tube UHF planar triode Double grid, ignitron Magnetron oscillator, "L" type Rectifier Ignitron (rectifier service), similar
6510	6510		to GL5555/FG-238B Magnetron, pulse type, fixed fre- quency
6511 6512	6511 6512		Ignitron, water cooled Ignitron, water cooled, mercury-pool rectifier
6513	6513		Ignitron, water cooled, mercury-pool rectifier. Similar to GL5555
6514 6515 6516	6514 6515 6516		Ignitron, water cooled, rectifier Ignitron, water cooled, rectifier Receiving H.F. pentode, 7 pin mini- ature. Similar to 6AM5 (British- Brimar)
6517	6517 .	QK358	Magnetron, IMW, tunable pulse, air cooled
6518 6519	6518 6519		Magnetron, pulsed type oscillator Receiving, subminiature, power amplifier pentode
6520	6520		Low Mu twin power triode, characteristics of 6AS7G
6521 6522	6521 6522		Magnetron, fixed pulse oscillator Hydrogen thyratron, similar to 5C22, KU25, HT45
6524	6524		Twin beam power amplifier, UHF, similar to 6850
6525 6526	6525 6526		Tetrode thyratron, relay driver Receiving pentode power amplifier, subminiature

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	Current Service		
Tube Type	Designation	Other Number	Class Description
6527	6527		Magnetron, forced air cooled, fixed frequency, pulsed. Similar to 2J42, and QK472
6528 6531 6532	6528 6531 6532	TE-30	Medium Mu twin power triode Reflex klystron
6533	6533		Screw base half wave rectifier Reliable receiving subminiature low noise high Mu triode. Similar to 6247, 5744
6533WA	6533WA		Improved 6533, see also 8096
6535 6536	6535 6536		Thermocouple vacuum gauge tube Thermocouple vacuum gauge tube
6537	6537		Low noise amplifier, traveling wave tube
6538	6538		Receiving (acorn tube) cold cathode stabilizer (Mullard-English)
6539	6539		Receiving (acorn tube) cold cathode stabilizer (Mullard-English)
6540	6540	QF861	Subminiature pentode. Similar to 5702WA
6541	6541		Klystron, rugged-K band-oscillator, tuning version
6542	6542		Receiving tube, subminiature, cold cathode, gas diode
6543	6543/4J52T	4J52T	Tunable pulsed magnetron
6544	6544		Transmitting pulsed beam triode
6545	6545		Tunable, transmitting-receiving tube, 100KW peak
6546	6546		ATR, 100KW peak power
6549	6549		Beam power pentode, 75 watts plate dissipation
6550 6551	6550 6551	OVAAA	Receiving AG beam power amplifier
6558	6558	QK444	Magnetron, 40KW, pulsed, air cooled Tunable air cooled magnetron. Similar to 4J50
6559	6559		TWT, CW or pulsed plate dissipation 1 watt
6560	6560	BL35, 6560/BL35	Dual TR tube
6560/BL35	6560		See 6560 ~
6562	6562		Pencil tube, fixed-tuned, oscillator triode
6564	6564	BL71	TR tube, dual broad band, gas stitching
65 65	6565	BL313	Shutter and TR tube, X band
6566	6566	BL26	Tunable TR tube
6567	6567		Transmitting triode, water cooled
6568/BL28	6568/BL28	BL28	Band pass TR tube
6569	6569		Power triode, radiation cooled, 250W plate dissipation
6570	6570		Vacuum phototube - red response

	Current Service		
Tube Type	Designation	Other Number	Class Description
6571	6571	C73345	Computer storage tube
6573	6573	QK483/6573	CW oscillator klystron
6574	6574	•	Gas tetrode (Mullard British)
6576	6576		Water cooled transmitting triode
6577	6577		Typotron - 5 inch direct view storage tube
6578	6578		Ionization gauge tube
6579	6579		Thermistor vacuum gauge
6580	6580		Power triode
6582	6582	TE-35	Reliable miniature RF sharp cut off pentode
6582A	6582Å		Miniature pentode RF sharp cut off
6584	6584	TE-38	Klystron, reflex, CW
6587	6587		Hydrogen thyratron
6588	6588	BL315, 6588/315	Shutter tube, non-pressurized
6588/BL315	6588	52510, 6000, 510	See 6588
6590	6590	R6383	Subminiature xenon thyratron
	6591	110303	ATR broad band tube
6591		Dt 200	
6592	6592	BL309	TR and shutter tube, band pass
6593	6593	BL310	TR and shutter tube, band pass
6594	6594	BL311	TR and shutter tube, band pass
6595	6595	BL316	TR tube and shutter
6596	6596	BL317	Shutter and TR tube
6597	6597	BL320	TR and shutter tube, band pass
6599	6599	BL322	Dual TR and shutter tube - x band 📡
6600	6600	BL323	Shutter tube for use with TR tube
6601	6601	BL327	DUAL TR and shutter tube
6602	6602	BL329	Shutter and TR tube
6604	6604	BL509	Hybrid duplexer with shutters
6605	6605	BL96	Pre - TR tube
6611	6611		Receiving subminiature, flat press
6612	6612		Receiving subminiature, flat press
6613	6613	BL324	Dual TR and shutter tube - x band
6615	6615	BL312	TR and shutter tube
6616	6616	BL326	Shutter and TR tube, broad brand
6616	6616	BL326	Shutter and TR tube, broad band
GL-6619	GL-6619	22020	See 6619
6619	6619	Z1957, TR136, GL6619	Polarization duplexer gas discharge device
GL6620	6620		See 6620
6620	6620	Z1951, GL-6620	Pre TR polarization duplexer - gas discharge device
GL-6621	6621		See 6621
6621	6621	Z1956, GL-6621	Polarization duplexer - gas dis- charge device
6623	6623		Power amplifier triode, forced air cooled
6624	6624		TR tube fixed tuned, integral cavity
GL6625	6625		See 6625
6625	6625	GL-6625	Klystron, tunable pulsed

	Current Service		
Tube Type	Designation	Other Number	Class Description
6626 6626/OA2WA 6627	6626/OA2WA OA2WA 6627	6626 6627/OB2WA, OB2WA	See 6626/OA2WA See OA2WA Reliable miniature voltage regulator
6627/OB2WA	OB2WA		Equivalent to OB2 and 6074, (operating volt approx. 108V) See OB2WA
6629	6629	BL54, 6629/BL54	ATR tube
6629/BL54	6629	DI CE CCOO (DI CE	See 6629
6630 6630/BL55	6630 6630	BL55, 6630/BL55	ATR tube See 6630
6631	6631	BL94, 6631/BL94	ATR tube, 1B37A with ignitor,
6631/BL94	6631		See 6631
6632	6632	BL18	TR tube, L band, tunable
6633	6633	BL37, 6633/BL37	TR tube, fixed tuned
6633/BL37	6633 6634	DI 00 6634/DI 00	See 6633
6634 6634/BL90	6634	BL90, 6634/BL90	TR tube, dual band pass See 6634
6635	6635	BL57, 6635/BL57	TR tube, integral cavity
6635/BL57	6635	2201, 0000, 2201	See 6635
6636	6636	BL87, 6636/BI87	TR tube
6636/BL87	6636		See 6636
6637	6637	BL31, 6637/BL31	TR tube, tunable
6637/BL31	6637	DI 00 CC30 /DI 00	See 6637
6638 6638/BL99	6638 6638	BL99, 6638/BL99	TR tube See 6638
6639	6639	BL46, 6639/BL46	Tunable TR tube
6639/BL46	6639	DL-10, 00007 DL-10	See 6639
6640	6640	BL60, 6640/BL60	Dual TR tube (short slot duplexer)
6640/BL60	6640	• • •	See 6640
6641	6641	BL86, 6641/BL86	Dual TR tube
6641/BL86	6641	D	See 6641
6642/BL600	6642/BL600	BL600	Dual TR tube
6643 6643/BL81	6643 6643	BL81, 6643/BL81	TR tube See 6643
6644	6644	BL95, 6644/BL95	TR tube, integral cavity
6644/BL95	6644	2230, 00 11, 2230	See 6644
6645 6645/BL95H	6645 6645	BL95H, 6645/BL95H	TR, band pass See 6645
6646/BL604	6646/BL604	BL604	Dual TR tube
6647/BL604-H	6647/BL604H	Dr. 015	Dual TR tube
6648/BL615	6648/BL615	BL615	Dual TR tube, band pass
6649 6650	6649 6650	BL56 BL67	TR tube, band pass 100KW TR tube, tunable
UX6653	UX6653	DLU	Gas switching tube
6655	6655		Photomultiplier, 10 stage head-on
			type
6656	6656		Image dissector camera tube
6657	6657		Image dissector camera tube
6658	6658		Traveling wave tube

Current Service		
Designation	Other Number	Class Description
6659	CK 1042	Subminiature cold cathode half wave rectifier
562		See 562
6660		Miniature pentode, remote cut off, hi transconductance. Prototype 6BA6
6661		Miniature pentode, sharp cut off. Prototype 6BH6
6662		Miniature pentode, remote cut off. Prototype 6BJ6
6663		Miniature twin diode, hi-perveance. Protype 6AL5
6664		Miniature vhf triode, prototype 6AB4
6665		Photomultiplier. Improved 5819
6669		Miniature beam power pentode. Prototype 6AO5
6676		Miniature sharp cutoff pentode, prototype 6CB6
6677		Miniature power pentode. Prototype 6CL6
6678		Miniature triode pentode, hi Mu. Prototype 6U8
6679		Miniature hi Mu twin triode. Prototype 12AT7
6680		Miniature medium Mu twin triode. Prototype 12AU7
6681		Miniature hi Mu twin triode. Prototype 12AX7
6683		UHF beam power amplifier. Same as 6146 except heater
6684	TD18	Gas noise source tube
	BL616, 6685/BL616	Dual TR tube
	,	See 6685
6686		Miniature output pentode, similar to 6227 except heater. (Canadian Rogers Elect.)
6687		Dual control heptode (Canadian)
6688		Pentode (Canadian)
6688A		Pentode, wide band, improved 6688
		Pentode (Canadian)
6690		Subminiature receiving twin triode, medium Mu
6691		Oscillator, 3 electrode, forced air cooled
6692		Transmitting triode
6693		High voltage mercury rectifier
6694		Photoconductive cell, 3500-5500A, blue-green
6694Å		Photoconductive cell
6695	QK253-M, HK7T	Tunable pulse magnetron
	Service Designation 6659 562 6660 6661 6662 6663 6664 6665 6669 6677 6678 6679 6680 6681 6683 6684 6685 6685 6686 6687 6688 6685 6686 6687 6688 6689 6690 6691 6692 6694	Service Designation CK1042 562 6660 6661 6662 6663 6664 6665 6669 6677 6678 6679 6680 6681 6683 6684 6685 6686 6685 6686 6687 6686 6687 6688 6688 6688 6689 6690 6691 6692 6694

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	Current		
Tube Type	Service Designation	Other Number	Class Description
6696	6696		Water and forced air cooled, trans- mitting triode
6697	6697		Forced air cooled, transmitting triode
6698	6698		Traveling wave tube, high power pulse amplifier
6699	6699		Backward wave oscillator, medium power
6700	6700		Beam switching tube, 10 positions
6701	6701		Beam switching tube
6703	6703	BD301	Beam switching tube, shielded version of 6700
6704	6704	M010R	Beam switching tube
6710	6710	BX1000	"Beam-X" bean switching tube
6711	6711	BX2000	"Beam-X", shielded version of 6710
6712	6712	BX3000	"Beam X" beam switching tube
6752	6752		Traveling wave tube, medium power amplifier
6753	6753		Traveling wave tube, low level amplifier
6754	6754	TE36, 412Ā	Reliable full wave rectifier, miniature
6756	6756		Water-cooled triode RF oscillator
6757	6757		Water-cooled triode RF oscillator
6760	6760		Power amplifier pentode, miniature (Swedish)
6761 •	6761		Power amplifier pentode, miniature (Swedish)
6762	6762		Wamoscope
6763	6763		Cold cathode, gas, half wave rectifier. Similar to CK5517
6764	6764		Magnetron
6771	6771		High Mu triode, metal and ceramic, parallel plane construction
6775	6775		Power tetrode, similar to 4-400A
6777	6777		Thyratron, hydrogen filled
6778	6778		Subminiature triode (British)
6779	6779		Cold cathode inert gas tube (British)
6780	6780	BL800	Klystron oscillator
6781	6781	BL803	Klystron, integral cavity
6782	6782	TD22	Gas noise source, argon - high frequency
6783	6783		Thyratron, inert gas mercury vaper
6784	6784		Traveling wave tube
6786	6786		Thyratron, mercury vaper
6787	6787		CW magnetron, forced air cooled
6788	6788	SN1776	Subminiature sharp cut off pentode
6789	6789		Glow discharge tube, cold cathode, gas filled
6792	6792		Hi-vacuum beam tetrode control tube
6793 6 79 5	6793 [*] 6 7 95		Hi-voltage, hi-vacuum relay TR tube, miniaturized x-band
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	Current		
Tube Type	Service Designation	Other Number	Class Description
6796	6796		Dual x-band TR tube, similar to 6334
6797	6797		TR tube, miniaturized dual x-band
6798	6798		TR tube
6799	6799		Magnetron, hi-power, pulsed, fixed
			frequency
6800	6800		Circulating water, air cooled industrial oscillator
6801	6801		Circulating water, air cooled industrial oscillator
6802	6802		Cold cathode, bi-directional decade counter tube
6803	6803		Radio frequency, amplifier, oscillator or class B modulator
6804	6804		Forced air cooled oscillator
6805	6805	BL625	Double TR tube
6806	6806	DE025	UHF beam power tube
GL-6807	6807		See 6807
6807	6807	GL6807	Thyratron, three electrode gas filled,
		GL0007	like 6809 except base
GL6809	6809	Of COOC	See 6809
6809	6809	GL6809	Thyratron, inert gas filled. Like 6807 except base
6810	6810		See 6810A
6810A	6810A	6810	Multiplier phototube, 14 stage
6811	6811		Klystron, pulsed (Swedish)
6812	6812		Klystron, pulsed (Swedish)
6814	6814		Subminiature triode
6816	6816		Beam power tube forced air cooled, similar to 6884
6823	6823		Tunable, pulsed magnetron
6824	6824		Tunable, pulsed magnetron
6825	6825		TR tube
6826	6826		TR tube
6829	6829		Reliable receiving miniature medium
			Mu twin computer tube. Equivalent to 5965 and 6414
6830	6830		Gaseous voltage regulator
6831	6831		Gaseous voltage regulator
6832	6832		Subminiature double triode, medium Mu
6833	6833		Radiation counter, hi sensitivity, directly interchangeable with 1B85A
683 5	6835	QK464	Storage tube, electrical output
68 36	6836	16PMI	Photomultiplier
6839	6839	201 1114	Image converter shutter tube
6840	6840		Miniature twin triode, medium Mu
	6841	QK400	Magnetron, fixed frequency pulsed,
6841		ŲN.400	similar to QK308 and QK247
6842	6842		Miniature high voltage regulator

Toka Toka	Current Service	Other Number	Class Description
Tube Type	Designation	Other Number	Class Description
6843 6844	6843 6844	QK447	Magnetron, tun able pulsed, air cooled Numerical indicator, gas filled, cold cathode, ten digit
6845 6846 6848 6849	6845 6846 6848 6849	QK386	Klystron, thermally tuned Counter tube, miniature Transmitting tetrode, forced air cooled Image orthicon, camera tube, for
6850 6851 6852 6853	6850 6851 6852 6853	TD-24	scientific research Twin beam power tube Miniature high Mu double triode Gas noise source Reliable receiving full wave high vacuum rectifier. Equivalent to
6854	6854		5Y3GT and 6106 Reliable receiving miniature medium Mu twin triode. Equivalent to 6385. Similar to 2C51 and 5670
6855 6856 6857 6858 6859 6860	6855 6856 6857 6858 6859 6860		Thyratron, mercury vapor
6961 6964 6865 6865A 6866 6867 6868 6870	6861 6864 6865 6865A 6866 6867 6868 6870	ELC6J/K A1092A	Traveling wave tube Grid controlled gas rectifier, Tunable magnetron, similar to 4J50 Forced air cooled tunable magnetron Storage tube - 5 inch direct view Traveling wave tube Traveling wave tube VHF power pentode, 9 pin miniature for use up to 150 Mc
6871 6872 6873	6871 6872 6873	ELC6J/KF	Grid controlled gas rectifier Subminiature pentode Trigger tube – cold cathode (miniature thyratron)
6874 6875 6876 6877 6878 6879	6874 6875 6876 6877 6878 6879	207, 207/6875	Hi power magnetron, similar to 4J50 Radiation counter tube Radiation counter tube Miniature low Mu triode Ignitron Miniature cold cathode counter tube. Similar to 6802
6881 6882 6883 6884 6885	6881 6882 6883 6884 6885	TD21 TD-23	Gas noise source Super hi frequency gas noise source Beam power tube, similar to 6146 Beam power tube, forced air cooled Planar triode, forced air cooled (French)

	Current Service		
Tube Type	Designation	Other Number	Class Description
6886	6886		UHF Planar triode, forced air cooled, selected 6885 (French)
6887	6887	•	Twin diode, 7 pin, miniature for on-off control applications
6888	6888	TE40	Receiving pentode, dual control computer
6889	6889	TE52	Receiving beam power amplifier
6890	6890	BL650, 6890/BL650	ATR tube, broad band. Similar to 6396
6890/BL650	6890		See 6890
6891	6891		Traveling wave tube
6893	6893	2E26	Beam power amplifier
6894	6894		Half wave mercury vapor rectifier, similar to 6895 except base
6895	6895		Half wave mercury vapor rectifier similar to 6894 except base
6896	6896	1855	Graphechon (storage tube)
6897	6897		UHF planar triode, version of 2C39, not completely interchangeable with 7289
6898	6898		Forced air cooled diode, hi vacuum rectifier
6899	6899	TR834	TR tube
6900	6900		Miniature twin triode
6901	6901		Gas and mercury filled thyratron
6902	6902		Backward wave oscillator, voltage 'tunable
6903	6903		Phototube multiplier
6904	6094		Dual TR and shutter tube
6905	6905	BL613	Dual TR tube
6906	6906	BL643	TR bandpass
6907	6907		Double tetrode, class C amplifier
6908	6908		Oil immersed diode, hi voltage
6909	6909		Decade counter
6910	6910		Decade counter
6911	6911		Multiplier phototube, 10 stage
6912	6912		Camera tube
6913	6913		Twin triode for computers
6914	6914	501.4	See 6914A
6914A	6914A	6914	Image converter, hi voltage unipotential
6916	6916		Gamma counter (Canadian)
6917	6917		Magnetron, voltage-tunable
6919	6919		Twin diode, 7-pin miniature
6920	6920		Forced air cooled transmitting triode
6921	6921		Power triode, water cooled Reliable minature twin triode
6922	6922		Measuring diode (Canadian)
6923	6923		Transmitting triode, forced air
6925	6925		cooled

	Current		
Tube Type	Service Designation	Other Number	Class Description
6926 6927 6928 6929 6930	6926 6927 6928 6929 6930	C73413A	Transmitting triode, water cooled Twin triode, (Swedish) Power amplifier pentode, (Swedish) Image converter tube Half wave power rectifier,-mercury
6931 6935 6937 6938 6939	6931 6935 6937 6938 6939		vapor Gas filled, corona discharge regulator Multiplier phototube Ionization chamber, uncompensated Proportional counter. High sensitivity Transmitting tetrode, similar to 5656 with higher power
6940 6941 6941A 6942	6940 6941 6941A 6942	Z5053/6942	Klystron, integral cavity Ionization chamber Ionization chamber UHF transmitting tetrode, improved version of 6183 and equivalent to 6183
6942/Z5053 6943	6942 6943		See 6942 Subminiature sharp cut of RF pentode
6944	6944		Subminiature, semi-remote cut off pentode
6945 6946 6947	6945 6946 6947		Subminiature AF beam power pentode Subminiature medium Mu triode Subminiature medium Mu double triode
6948 6949 6950/2039	6948 6949 6950/2039	6950, 2039	Subminiature hi-Mu double triode Beam power pentode Super power tetrode
6952 6953 6954 6955 6957 6958	6950, 2039 6952 6953 6954 6955 6957 6958	A2534C/6952	Pulsed beam power tube Gas phototube Miniature dual control pentode Duotriode, medium Mu Photoconductive cell Ignitron
6959 6961	6959 6961	QK 172	Magnetron, pulsed, fixed frequency Transmitting triode, forced air cooled
6962 6968	6962 6968		ATR gas switching tube Miniature sharp cut off pentode. Similar to 6AK5
6971 6972	6971 6972		Fission counter tube Magnetron, pulsed, fixed frequency. (Canadian)
6973 6974 6975 6977 6981	6973 6974 6975 6977 6981	VA 2 03B	Receiving beam power tube, miniature Reflex klystron, integral cavity Klystron Subminiature voltage indicator Ionization gauge
0301	0301		tomzation gaage

	Current Service		
Tube Type	Designation	Other Number	Class Description
6982 6983 6984 6985 6986 6990 6991 6992 6993 6994	6982 6983 6984 6985 6986 6990 6991 6992 6993 6994	EL3C/L EL6B/L ELC4H-1 ELC4H-2 ELC4H-3	Full wave gas rectifier Half wave gas rectifier Grid control gas rectifier Grid control gas rectifier Grid control gas rectifier Storage tube, five inch Storage tube, five inch Storage tube, three inch Radiation counter tube Reflex klystron CW traveling wave amplifier, also for
6997 6998 6999 VXR7000	6997 6998 6999 VXR7000		pulse service Pulsed traveling wave amplifier Proportional counter Subminiature pentode, obsolete Very high voltage regulator, corona type
7000 7001 7002 7003 7006 7007 7008	7000 7001 7002 7003 7006 7007 7008		Receiving amplifier (selected 6J7) Beam tetrode (British) Transmitting triode, oil cooled Hard tube pulse modulator Magnetron, high power Transmitting tetrode, forces air cooled Magnetron, tuneable
7009 7012	7009 7012	BD200S	Miniature numerical indicator (Nixie) Transmitting triode, Forced air cooled
7014	7014		Full wave rectifier, argon mercury vapor
7015	7015		Full wave rectifier, argon mercury vapor with lug base
7016	7016		Full wave rectifier, argon mercury vapor
X7017 7017 7018 X7019 7019	X7017 7017 7018 X7019 7019		Magnetron, K band, pulsed, 50KW Full wave rectifier. 7016 with lug base Half wave rectifier, mercury vapor Magnetron, CW, 25W Half wave rectifier, argon mercury
7020	7020		vapor Half wave rectifier, argon mercury vapor. 7019 with lug base
VX7021 7021 7022 7023 7025	VX7021 7021 7022 7023 7025		Miniature lighthouse triode (British) Thyratron, argon mercury vapor Thyratron, argon mercury vapor Thyratron, argon mercury vapor Receiving hi-Mu twin triode, miniature. Similar to 12AX7
7027	7027		Beam power tube for hi fi audio applications

.	Current Service	Only North	Cl. o Book bath
Tube Type	Designation	Other Number	Class Description
7028	7028		Packaged magnetron, pulsed, fixed frequency (British)
7029	7029		10-stage high vacuum photomultiplier, S-17 response
7030	7030		High power vacuum diode
7031	7031		Thyratron, inert gas filled
7032	7032		Heptode, 7-pin miniature (British)
7033	7033		Storage tube, 5-inch, electrostatic focus, magnetic deflection
7034	7034		Beam power tube, forced air cooled. Similar to 4X150A
7034W	7034W		Equivalent to 7034/4X150A
7035	7035		26.5V heater version of 7034
7035W	7035W		Equivalent to 7035/4X150D
7036	7036		Miniature, sharp cut off dual control heptode for computer use. Same as 5915A with longer bulb
7037	703 7		3-inch magnetic focus and deflection image orthicon for color television
7038	703 8		l-inch magnetic deflection and focus vidicon
VX7039	VX7039		Traveling wave amplifier (British)
7042	7042		Water cooled 4KV double grid igni- tron. Same as 5958 but with integ- rally mounted thermostatic control
7043	7043		Vacuum phototube, S-4 response
7044	7044		Miniature double triode, medium Mu, for computer
7046	7046		14-stage vacuum photomultiplier. S-11 response
X7047	X7047		Gas switching tube, see 6023
7049	7049	ZV1009	Reflex klystron, ceramic (Polarad)
C7050A	C7050A		Red sensitive photomultiplier
7 050	7050		Hydrogen gas filled triode
7054	7054		9-pin miniature power pentode
7055	7055		7-pin miniature twin diode for use in mobile communications equipment. Operating from 6-cell battery system
7056	7056		7-pin miniature sharp cut off pentode
7057	7057		7-pin miniature twin triode
7058	7058		9-pin miniature high Mu twin triode
7059	7059		9-pin miniature sharp cut off pentode
7060	7060		9-pin miniature medium Mu triode, power pentode
7061	7061		9-pin miniature beam power tube
7062	7062		Receiving twin triode (Canadian)
C7063	1P24	VT-280	See 1P24
7064	7064		10-stage 2-inch high gain photomulti- plier, S-11 spectral response

	Current Service		
Tube Type	Designation	Other Number	Class Description
7065	7065		10-stage, 1½ inch, end window photo- multiplier, S-11 response
7069	7069		Reflex klystron
7071	7071	VA208	Reflex klystron
7072	7072		Traveling wave amplifier
7077	7077		Triode for UHF amplifier applica- tions. Ceramic. Low noise
7 079	7079		Subminiature double triode
7083	7083		Subminiature sharp cutoff pentode
7085	7085		Triode, water and forced air cooled thoriated tungsten filament power amplifier oscillator
7086	7086		Forced air cooled xenon thyratron
7087	7087		Cylindrical construction BF ₃ /Boron ²⁰ proportional counter tube
7090	7090		Integral magnet CW magnetron. 200W
7091	7091		Integral magnet CW magnetron. 2KW
7093	7093		Integral magnet pulse magnetron. 25KW
7094	7094		Forced air cooled power amplifier os- cillator, modulator beam tetrode
7098	7098		Magnetron, mechanically tuned, pulsed, air cooled, integral magnet
7099	7099		Subminiature voltage regulator
7100	7100		Power diode
7101	7101		1120-1700 Mc gas noise source
7102	7102		10-stage head-on multiplier phototube
7105	7105		Twin triode, low Mu. Similar to 6080WA except for heater rating 12.6V
C7106	1P37		See 1P37
X7107	5789		See 5789
X7107 X7108	5790		See 5790
	5863		See 5863
X7109			Tuneable magnetron
7110	7110		
7111	7111		Tuneable magnetron
C7112A	C7112A		Midget phototube with S-4 surface
7112	7112		Tuneable magnetron
7116	7116		Traveling wave tube
7117	7117		9-stage photomultiplier, S-4 response. Used for auto-headlight dimming
7119	, 7119		Double triode with separate cathode connections (Canadian)
7120	7120		Transmitting triode, water cooled
7121	7121		Transmitting triode, air cooled
7124	7124		Transmitting triode, water cooled
7125	7125		Transmitting triode air cooled
C7128B	6032		See 6032

Tube Type	Current Service Designation	Other Number	Class Description
Tube Type	Designation	Officer Homoer	Citata bascripilan
C7132 7137	C7132 7137		Photomultiplier Miniature medium-Mu triode, Similar to 6J4WA
C7138	C7138		Photomultiplier for scintillation counting. Similar to 5819
7138	7138		Pulse magnetron, integral magnet (Canadian)
C7139	C7139		Photomultiplier for scintillation counting. Similar to 1P28
7 139	7139		Pulse magnetron, integral magnet (Canadian)
C7140	C7140		Photomultiplier for scintillation counting. Similar to 5819
7140	7140		Pulse magnetron integral magnet (Canadian)
7141	7141		Pulse magnetron, integral magnet (Canadian)
7142	7142		Pulse magnetron, integral magnet (Canadian)
7143	7143		Pulse magnetron, integral magnet (Canadian)
C7145	C7145		Photomultiplier for scantillation counting. Similar to 5819
C7147	C7147		Germanium photocell
7147	7147	TD33	Gas noise source
7148	7148	TD34	Gas noise source
7150	7150		Tetrode amplifier (Swedish)
7151	7151		Water cooled ignitron, stainless steel jacket
7152	7152/BL612	BL612	Pre TR tube
7153	7153	BD206	Super Nixie. 10 digit numerical indicator
C7154	C7154		Large coax phototube, mesh screen, cylindrical anode for simultaneous detection
7154	7154		Gas noise source
7155	7155		Cold cathode bidirectional decade counter tube. Similar to 6909
7156	7156	QK662	Pulsed packaged magnetron, see also QK662A
C7157	6372		See 6372
7159	7159		Clipper diode, liquid cooled
C7160	C7160		Infra-red multiplier phototubes
7160	7160	475	Corona regulator
7161	7161		Corona regulator
7162	7162		Corona regulator
7163	7163		S-15 response yellow-red sensitive cadmium sulphide cell, head-on type
C7165	C7165		High gain, high sensitivity, 16-stage, photomultiplier

	Current Service		,
Tube Type	Designation	Other Number	Class Description
7166 7167 7169 C7170	7166 7167 7169 C7170		TR, gas switching tube VHF tetrode, 7-pin miniature Ionization gauge tube 14-stage head-on type multiplier phototube with 5-inch cathode. Adaptable to scintillation counting
7170 7171 7172	7170 7171 7172		applications Ionization gauge tube Ignitron Direct view storage tube, electrostatic focus and deflection 2½ inch diameter
7173	7173		4-inch direct view storage tube. Mag-
7174	7174		netic deflection and focus 4-inch projection storage tube, elec- tromagnetic deflection and focus
7175	7175		5-inch directional view storage tube, elec-
7176	7176		trostatic focus, magnetic deflection 5-inch direct view storage tube. Elec- trostatic focus and deflection
7177 7178 C7179A 7179 7180	7177 7178 C7179A 7179 7180	IC-6 KU53	Image tube. Similar to 6929 Clipper diode 9-stage photomultiplier. S4 response Water cooled ignitron Same as 7179, except integral thermo-
C7181 7182 7183	C7181 7182 7183		static control Infra-red multiplier phototubes Magnetron, water cooled (British) 5-inch direct view storage tube, electrostatic focus, magnetic deflection
KR7184 7184	7184 7184	KR7184, VT227	See 7184 Receiving pentode amplifier. Similar to 6V6
7185 7186 7187 7188 7189	7185 7186 7187 7188 7189		Transmitting triode Flux mapping fission chamber Fission counter tube Fission counter tube 9-pin miniature pentode for power
7190	7190		amplifier in hi fi audio Ruggedized miniature hydrogen
7191	7191		thyratron Ruggedized miniature hydrogen thyra- tron. Anode connection at top of bulb
7192	7192		Ruggedized miniature hydrogen thyra- tron. Flexible leads on base
KR7193 7193	7193 7193	KR7193	See 7193 Transmitting and receiving UHF
C7195	C7195		triode amplifier Infra-red photomultiplier

	Current Service		
Tube Type	Designation	Other Number	Class Description
7198	7198		Image orthicon. For severe environ- mental conditions. Interchangeable with 5820
7199	7199		Miniature medium-Mu triode, sharp cut off pentode. 9-pin
7200	7200		Photomultiplier, 9-stage, S-19 response
7201	7201		Single triode, low-Mu vacuum voltage regulator
C7203	C7203		Broad area photoconductive cell. Medium and near IR
7203/4CX250B 7204/4CX250F C7205 7205 7206 7207 7208 7209 7210 7211 7212 7212W 7213 7214 7215 C7216 7216 7217 7220	7203/4CX250B 7204/4CX250F C7205 7205 7206 7207 7208 7209 7210 7211 7212 7212W 7213 7214 7215 C7216 7216 7217 7220	EL3CJ/L H1012	Beam power tube. Forced air cooled Beam power tube. Forced air cooled Head-on germanium photocell Cold cathode trigger tube Transmitting triode Pulsed magnetron Transmitting triode Transmitting triode Transmitting triode Transmitting triode Beam power tube Superseded by 6146W; replace with 6146W Beam power tube, forced air cooled Beam power tube, forced air cooled Power amplifier triode Photomultiplier. Similar to 6199 Grid controlled rectifier Half wave mercury diode (Italian) 3-inch direct view storage tube. Electrostatic deflection and focus
7221 7222	7221 7222	H1010	5 inch direct view storage tube, electrostatic deflection and focus 5 inch direct view storage tube, two
7222	7000		electrostatic writing guns
7223	7223		Photocell
7224	7224		Photojunction cell
722 5	7225		3-inch barrier grid storage tube
7226	7226		Vidicon for use in transistorized camera equipment for live pickup
7226A	7226A		Vidicon for use in transistorized camera equipment for live pickup. Ruggedized for severe shock and vibration
7227	7227		Miniature low voltage output pentode
7228	7228		5-inch direct view storage tube. Electrostatic deflection and focus
7229	7229		Trigger tube
72 30	7230		Trigger tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
7231	7231		Trigger tube
7232	7232		Trigger tube
7233	7233		Miniature triode series regulator
7234	7234		Receiving high voltage pentode
7235	7235		Miniature high-Mu triode amplifier
			for use in regulated power supplies. Similar to 2C53
7236	7236		Duo triode used as power amplifier in computer service
7237	7237		Forced air cooled triode
7239	7239		Miniature high voltage beam pentode
7240	7240		Miniature hydrogen thyratron
7241	7241		High power triode for use as passing
	,		tube in series regulated power supplies
7242	7242		High power triode for use as passing tube in series regulated power
			supplies
7243	7243		Radiation counter
7244	7244		Medium Mu double triode, stacked mount design and frame grid construction
7244Å	7244Å		7-pin miniature duotriode. Shorter than 7244
724 5	7245		Miniature high Mu triode
7245A	7245A		Miniature high Mu triode. Shorter bulb than 7245
7246	7246		Subminiature triode
7247	7247		Dissimilar duo-triode
7248	7248		High voltage tetrode, oil cooled
7249	7249		High voltage tetrode, air cooled
7255	7255		Power amplifier triode
7256	7256		Pulsed magnetron oscillator
72 57	7257		Image intensifier
72 58	72 58		Sharp cut off pentode, medium Mu triode
72 62	7262		Vidicon. Magnetic focus and deflec-
, ====			tion. Short, low power heater for transistorized camera
72 63	7263		Camera tube of vidicon type. Capable of withstanding operating conditions involving severe shock and vibration
7264	7264		Multiplier phototube. 14-stage, head- on. S11 response. 2-inch scintillation counter
72 65	7265		Multiplier phototube. 14-stage, head- on, flat faceplate. S20 response
7266	7266		Planar diode, ceramic and metal

	Current Service		
Tube Type	Designation	Other Number	Class Description
7268	7268		5 inch direct view storage tube, two electrostatic writing guns
7269	7269		Mercury vapor thyratron
7270	7270		Beam power pentode, air cooled
7271	7271	472	Same as 7270 except heater voltage Corona voltage regulator
7286 7289	7286 7289	4/2	Transmitting UHF oscillator. Supersedes 2C39, 2C39A, 2C39WA, 2C41 and 3CX100A5
7290	7290		Slow scan idicon
7291	7291		Vidicon for film pickup in television
7292	7292		Magnetron, water cooled (Canadian)
7293	7293		Image orthicon. Magnetic focus and deflection. 3-inch. Similar to 5820 (Canadian)
7294	7294		Image orthicon. Magnetic focus and deflection. 3-inch diameter. Inter- changeable with 6474 (Canadian)
7295	7295		Image orthicon. Magnetic focus and deflection. 4½ inch diameter (Canadian)
7296	7296		High mu triode, ceramic and metal
7297	7297		Inert-gas-filled grid controlled thyra- tron. Electrically similar to 5877 and 7031
7298	7298		Inert-gas-filled grid controlled thyra- tron. Electrically similar to 5878 and 7299
R7300	R 73 00		Cold cathode gas discharge tube
R7301	R7301		Cold cathode gas discharge tube
R7302	R7302		Cold cathode gas discharge tube
R 7 303	R 7303		Cold cathode gas discharge tube
R7304	R7304		Cold cathode gas discharge tube
R7305	R7305		Cold cathode gas discharge tube
7306	7306		Inert gas thyratron
7307	7307		Mercury vapor thyratron
7308	7308	בו נוס אובייוני	Miniature twin triode
7309 7311	7309 7311	BL693, MPT26 TE31	TR tube Miniature beam power pentode, metal-ceramic
7312	7312	TE32	Miniature low mu triode, metal-ceramic
7313	7313	TE33	Miniature half-wave rectifier, metal- ceramic
7315	7315		5-inch direct view storage tube. Electrostatic focus and deflection
7316	7316		Miniature twin triode for computers
7 317	7317		Proportional counter tube
7318	7318		Miniature duotriode used as pulse amplifier
7319	7319/C1K/B		Thyratron, gas filled, see C1K/B

	Current Service		
Tube Type	Designation	Other Number	Class Description
7320	7320		Miniature af power amplifier pentode
7321	7321		Xenon filled thyratron triode. Wide
			temperature range version of 5685/C6J/A
7322	7322	1802	Hydrogen thyratron in ceramic-metal envelope
7323	7323		Subminiature indicating thyratron
7325	7325		Vidicon. For use in televising live scenes
7326	7326		Photomultiplier. 10-stage, head-on. S20 response
7327	7327		Medium Mu double triode
7328	7328		Power triode, low mu
7336	7336		Vidicon. For use in televising live scenes. See also 7325
C7330	C7330		Cold cathode gas discharge tube
C7330A	C7330A		Monoscope
C7332	3CP1		See 3CP
7333	7333		Shielded grid power triode
7334	7334		Pulse modulator, water cooled
73 35	7335		Pulse modulator, air cooled
7336	7336		Vidicon camera tube
C7350	3AP1		See 3AP
7351	7351		Vidicon camera tube
7353	7353		Ionization chamber
7355	7355		Receiving beam power pentode
7356	7356		5 inch direct view storage tube, two electrostatic writing guns
7357	7357		Receiving beam power tube, same as 7212, except heater voltage
7358	7358		Beam power tube, pulse modulator
7360	7360		Receiving beam deflection tube
7363 C7364	7363 2F21		Inert gas thyratron See 2F21
7370	7370		Miniature twin triode, same as 5687 except heater voltage
7371	7371	·	Linear beam power pentode
7377	7377		Receiving twin tetrode
7381	7381		Dual TR tube
7382	7382		Receiving miniature triode (Canadian)
7383	7383		Permachon pickup-storage tube
7384	7384		Hydrogen thyratron (British)
7386	7386		Xenon thyratron
7389	7389		Image orthicon camera tube (Canadian)
7390	7390	Z5069	Hydrogen thyratron, see also 7322
7391	7391	Z5139	Miniature triode, metal and ceramic
7393	7393		Traveling wave tube
7394	7394		Traveling wave tube

	Current Service		
Tube Type	Designation	Other Number	Class Description
7397	7397		Magnetron
7398	7398		Voltage tunable packaged magnetron
7399	7399		Transmitting tetrode
7400	7400	CH1116	Cold cathode indicating thyratron
7401	7401	CH1125	Subminiature cold cathode indicating thyratron
7402	7402		High vacuum clipper diode
7403	7403		Beam tetrode pulse tube, ruggedized version of 3D21
7404	7404		Image converter tube, ultra-violet
7408	7408		Receiving beam power pentode
7409	7409	Z5358	Image orthicon camera tube
7410	7410	395Å	Mercury capor thyratron
7411	7411		Permachon storage-vidicon
7412	7412		Photoconductive cell
7413	7413		Hard tube pulse modulator
7414	7414	TD60	Subminiature gas tube, time totalizer
7414	7414 7416	TD36	
7410 7417	· ·		Miniature cold cathode gas diode
7417	7417/BL244 or 7417/MCM10	BL244, MCM10	Packaged magnetron
C7418	C7418		See 2AP, see C7483
7423	7423		5 inch direct view storage tube, electrostatic focus and deflection
7427	7427		Photoconductive cell
C7428	1810P1		See 1810P1
7429	7429		Proportional counter tube
7430	7430		Miniature sharp cutoff pentode
C7431	9JP1		See 9JP1
7432	7432		Subminiature pentode (British)
7433	7433		Subminiature pentode (British)
7434	7434		Subminiature pentode (British)
7435	7435		Subminiature diode (British)
7436	7436		Subminiature diode (British)
7437	7437		Subminiature triode (British)
7438	7438		Subminiature pentode (British)
7439	7439		Cold cathode trigger tube
7440	7440		Cold cathode trigger tube
7441	7441		
C7442	12AP7		Cold cathode trigger tube See 12AP7
		DI 330	
7444	7444	BL230	Pulsed magnetron
7448	7448		5 inch direct view storage tube, electrostatic focus and deflection
7449	7449		Pulsed magnetron
7452	7 452	QK324	Pulsed magnetron
7454	7454	CH1078	Clipper hydrogen thyratron
7455	7455	CH1115	Clipper hydrogen thyratron
7457	7457		Beam power tetrode, air cooled
7459	7459		Power triode, air cooled
7460	7460/QK686	QK686	Pulsed packaged magnetron
7461	7461	4	Pulsed tunable magnetron

	Current		
Tube Type	Service Designation	Other Number	Class Description
7462 7463 7464 C7466A	7462 7463 7464 7CP1		UHF triode, metal and ceramic Power amplifier, air cooled Triode modulator, water cooled See 7CP1
7467 7470 7471 7472 C7473D C7475A 7479	7467 7470 7471/V110A 7472 5FP7 7BP7 7479	V52-1A V110A	Photojunction cell Reflex klystron Reflex klystron Reflex klystron See 5FP7 See 7BP7 Power triode, vapor cooled
7480 7482 C7483	7480 7482 2AP1	0111110	Power triode, vapor cooled Power triode, vapor cooled See 2AP1
7484 C7485B 7486 C7488B 7489 7490 C7491	7484 12DP7 7486 3PB1W 7489 7490 5CP	QK470	Tunable pulsed magnetron See 12DP7 UHF triode, metal and ceramic See 3BP1W Miniature twin triode (British) Miniature twin triode (British) See 5CP
7492 C7493 7494 7495 7496 C7497	7492 1P25 7494 7495 7496 3DP1		Miniature twin triode (British) See 1P25 Miniature twin triode (British) Miniature power tetrode (British) Miniature r-f pentode (British) See 3DP1
7498 7499 7500 C7501 7502	7498 7499 7500 3HP7 7502		Miniature r-f pentode (British) Miniature video pentode (British) Beam tetrode (British) See 3HP7 Miniature heptode (British)
7503 7504 7505 7506 C7508 7509	7503 7504/L3035 7505 7506 5HP1 7509	L3035 ZV1010 ZV1012	Tunable beacon magnetron Pulsed amplifier klystron Reflex klystron Reflex klystron See 5HP1 Thyratron
7511 C7512 7513 C7514 C7516B 7518 C7519 C7520 7521 7522 C7523B	7511/SRX92 5HP4 7513 5LP1 4AP10 7518 5CP7 5CP1 7521 7522 3JP1	SRX92	Reflex klystron See 5HP4 Image orthicon camera tube See 5LP1 See 4AP10 Thyratron See 5CP7 See 5CP1 Pulsed magnetron Vidicon camera tube, electrostatic See 3JP1
7527	7527		Receiving vhf tetrode

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	Current Service		
Tube Type	Designation	Other Number	Class Description
7528	7528	OK264	Tunable pulsed magnetron, liquid cooled
7529	7529	QK327	Tunable pulsed magnetron, see also 6410A/QK338A
7530	7530/QKB734	QKB734	Backward wave oscillator
7531 7533	7531/QKB747	QKB747	Backward wave oscillator
7 532 7533	7532 7533		Low mu receiving triode
7534	7533 7534		Pencil triode
7535	7535		Receiving output pentode
7536	7536		Pulsed magnetron oscillator Photoconductive cell
7537	7537		Traveling wave tube (Dutch)
7538	7538	Z5294	Image orthicon camera tube
7539	7539		Scan conversion storage tube
7540	7540		Transmitting triode
7541 7542	7541		Tunable pulsed magnetron
7543	7543		Low noise pentode, similar to 6AU6
7547 7548	7547		Tunable pulsed magnetron
	7548		Miniature secondary-emission hexode
7550 7551	7550 7551		Subminiature double triode
7552	7552		Miniature beam power tube Pencil triode
7 553	7553		Pencil triode Pencil triode
7554	7554		Pencil triode
C7555	3KP1		See 3KP1
7556	7556		Inert gas thyratron, similar to 7306
C7557	2P21		See 2P21
C7557A	2P21		See 2P21
7558 7559	7558	CI II 000	Miniature beam power tube
7560	7559 7560	CH1096	Hydrogen thyratron, similar to 5948
7561	7561		Transmitting triode, water cooled Af power pentode (German)
75 65	7565		Transmitting triode
7566	7566		Barrier grid storage tube (Radechon)
C7568	C7568		3-inch cathode ray tube for television
7568	7568	CH1095	Hydrogen thyratron, simmilar to 5949A
7570	7570	QK411A	Recording storage tube, elec- trostatic focus and deflection
7571	7571	QK685	Recording storage tube, magnetic focus and deflection
7 572	7572	QK703	Recording storage tube, dual gun version of 6835
75 75	7575	QK787	Recording storage tube, dual gun, high resolution
7576	7576		Subminiature uhf triode
7577	7577	QK653	Pulsed Amplitron
7 580	7580		Transmitting beam power tube

	Current		
^ _	Service	Other Number	Class Description
Tube Type	Designation	Officer Nomber	·
7581	7581		Receiving beam power pentode,
			similar to 6L6GT
75 83	7583	KU82	Hydrogen thyratron
7586	7586		Nuvistor triode
7587	7587		Nuvistor tetrode
7588	7588		Ceramic and metal planar triode
7589 ·	7589		Tunable packaged magnetron
7590	7590	KU400	Hydrogen thyratron
7591	7591		Audio beam power pentode
7592	7592		Traveling wave tube
7595	7595		Subminiature gas trigger tube
7596	7596		Subminiature gas trigger tube
7597	7597		Subminiature gas trigger tube
7598	7598		Subminiature gas trigger tube
7599	7599		Miniature gas trigger tube
7600	7600		Miniature gas trigger tube
R7601	SS501		See SS501
7602	7602		Miniature gas trigger tube
7603	7603	Hydrogen thyratron	
7604	7604	VHF power triode	
7605	7605		Hydrogen thyratron
7606	7606		Ionization chamber
7607	7607		Receiving beam power pentode
7609	7609		Transmitting tetrode, similar
			to 4X150D
R7610	SS502		See SS502
7611	7611		Image orthicon camera tube
7615	7615	EP680	Corona voltage regulator
7616	7616/EP72M	EP72M	Radiation counter tube
7 617	7617/EP92A	EP92A	Gaseous discharge tube
7619	7619		Magnetron, integral magnet
7621	7621/HY2	HY2	Hydrogen thyratron, ceramic and
			metal
7623	7623		Beam tetrode (British)
7624	7624		Beam tetrode (British)
7625	7625		Planar triode, ceramic and metal
7626	7626		Subminiature pentode, obsolete
7629	7629		Image orthicon camera tube
7631	7631		Miniature double diode (British)
7632	7632		Photoconductive cell (British)
7633	7633		Photoconductive cell (British)
7634	7634		Photoconductive cell (British)
7635	7635		Backward wave oscillator (British)
7636	7636		Backward wave osc. (British)
7637	7637		Traveling wave tube (British)
7638	7638		Traveling wave tube (British)
7639	7639		Traveling wave tube (British)
7640	7640	MAS-1313H, MAS-1/7640,	Traveling wave tube
		313H/7640	
7641	7641		Traveling wave tube (British)
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Take Torre	Current Service	Other Number	Class Description
Tube Type	Designation	Other Number	Class Description
7642	7642		Traveling wave tube (British)
7643	7643		Miniature triode-pentode
7649	7649	A7649	Coaxial beam power tube
7650	7650		Forced air cooled, UHF beam
7651	7651		power tube Forced air cooled UHF beam power tube
7656	7656		High vacuum diode, forced air
7 657	7657		Guard ring fission chamber
7658	7658		High vacuum rectifier
76 62	7662/VA87B	VA87B	Klystron
76 63	7663/VA87C	VA87C	Klystron
76 64	7664		10-stage photomultiplier
7665	7665/KU72	KU72	Hydrogen thyratron
7666	7666		Hydrogen thyratron, similar to 7322
7667	7667		Hydrogen thyratron, ceramic
7668	7668		High vacuum pulse modulator
7669	7669		Coaxial Ignitron, similar to 5551A, except outline
76 70	7670		Ignitron
7 671	7671		Coaxial ignitron, electrically same as 5552A
76 72	7672		Ignitron
767 3	7673		Ignitron
76 76	7676		Ion gauge
767 7	7677		Vacuum gauge, thermocouple
76 80	7680		Magnetron, packaged, tunable
7 681	7681		Ignitron
7682	7682		5-inch direct view storage tube, electrostatic focus and
5 000	5000		deflection
7683	7683		Miniature high voltage pentode
7685	7685		Transmitting low mu triode
7686	7686		Magnetron
7687	7687		Triode-pentode, similar to 7199
7688	7688		Medium mu triple triode
7689	7689		High mu triple triode
7690	7690		Medium mu triple triode
7691	7691		Hard tube pulse modulator
7692	7692		Tunable pulse magnetron
7693	7693		Miniature sharp rf pentode
7694	7694		Miniature variable Mu pentode
7695	7695		Miniature beam power pentode
7696	7696		Photomultiplier (Japanese)
7697	7697		Vidicon camera tube
7698	7698		UHF planar triode, ceramic and metal
7699	7699		Wideband receiving amplifier

	Current Service		
Tube Type	Designation	Other Number	Class Description
7700	7700		Receiving triple grid amplifier (Type 6C6 characteristics)
7701	7701		Miniature beam power pentode storage tube
7702	7702		Dual gun electrical output
7703	7703		Ignitron
7715	<i>7</i> 715		Transmitting triode, air cooled
7716	7716		Miniature triode pentode Miniature vhf tetrode
7717	7717		Magnetron, fixed frequency
7718	7718		Miniature computer triode
7719	7719 7730		High mu triode, ceramic and Metal
7720	7720 7721		Miniature pentode amplifier
7721	7721 7722		Miniature pentode amplifier
7722	7722 7723		Inert gas rectifier
7723 7724	7723 7724		Miniature double diode, triode
7724 7725	772 4 7725		Argon mercury thyratron
7726	7726		Thyratron
7727	7727		Subminiature electrometer
1121	,,,,,		pentode (Canadian)
7728	7728		Miniature twin triode, similar to 12AT7
7729	7729		Miniature twin triode, similar to 12AX7
7730	7730		Miniature twin triode, similar to 12AU7
7731	7731		Miniature triode, pentode
<i>T</i> 732	7732		Miniature sharp cutoff pentode
7733	7733		Miniature pentode, similar to 12BY7
7734	7734		Miniature triode, pentode
7735	7735	C74019	Vidicon camera tube
7735A	7735A		Vidicon camera tube
<i>773</i> 6	7736		Ignitron
7737	7337	•	Miniature, rf pentode, low noise Miniature high mu triode
7738	7738		Planar triode, selected version of
7739	7739		6280
7741	<i>7</i> 741		Ionization chamber Double triode (French)
7745	7745	craseon	Photomultiplier, 10 stage
7746	7746	C7260B	Backward wave oscillator (British)
7747	7747		Transmitting power amplifier
7748	7748 7750		Hard tube pulse modulator
<i>77</i> 50 <i>7</i> 751	7751		Receiving beam power pentode
7751 7752	6AS6		See 6AS6
7753	7753		Transmitting triode, air cooled
7754	7754		Receiving beam power pentode
7755	6AJ5		See 6AJ5
7756	6AP6		See 6AP6

	Current Service		
Tube Type	Designation	Other Number	Class Description
<i>7</i> 757	7757	TE81	Hard glass miniature beam power tube
7759	7759		Subminiature double triode
7760	7760		Subminiature double triode
7761	7761		Subminiature video pentode
7762	7762		Subminiature beam power pentode
7763	7763		Miniature sheet-beam tube
7764	7764	C7291	Multiplier phototube, 6-stage
7767	7 767	C70042	Multiplier phototube, 10-stage
7768	7768		Planar triode, ceramic and metal
<i>7</i> 779	7779		Diode, forced air cooled
7782	7782	KU-71	Hydrogen thyratron, ceramic
7784	7784		Miniature metal ceramic triode
7785	7785		Backward wave oscillator
7786	7786	NL660L	Power rectifier
7788	7788	•	Frame grid receiving pentode
7789	7789		Hydrogen filled diode
7790	7790		Hydrogen filled diode
7791	7791		Hydrogen filled diode
7792	7792		Hydrogen filled diode
<i>7</i> 795	<i>7</i> 795	4	CW Magnetron
7796	7796		CW Magnetron
<i>7</i> 797	7797		Forward wave amplifier
7800	7800		Vacuum Power Triods
7801	7801		Beam Power tube, conduction cooled
7802	7802		Power triode series regulator
7803	7803		Miniature double triode
7804	7804		Power triode, forced air cooled
7805	780 5		Power triode, water cooled
7806	7806		Power triode, forced air cooled
7807	7807		Power triode, water cooled
78 15	7815		UHF Planar triode, ceramic
7 817	7817	CL1002	Photomultiplier, 10-stage, 2 inches
7818	7818	CL1003	Photomultiplier, 10-stage 3 inches
7 819	7819	CL1015	Photomultiplier, 10-stage, 5 inches
7820	7820		Triode power modulator
7821	7821/MPT12	MPT12	TR Tube
782 3	7823	MLT-13	TR Tube
7 824	7824		Traveling wave tube
78 31	7831		Power triode
783 5	7835		Super power triode, water cooled
7 837	7837		Power triode, water cooled
7838	7838		Power triode, forced air cooled
78 39	7839		Transmitting triode
7840	7840/AEL-227	AEL-227	Geiger counter tube
7841	7841		Planar diode, ceramic and metal
784 2	7842		Conduction cooled whi beam power, metal ceramic tube
784 3	7843		Conduction cooled whf beam
			power, metal ceramic tube

	Current		
Tube Type	Service Designation	Other Number	Class Description
	J		O. C. D. C. C. C. P. C. C.
7844	7844		Conduction cooled vhf beam
70.45	70.45		power, metal ceramic tube
7845	7845		Hard tube pulse modulator
7846 70.47	7846 7847		Photoconductive cell
7847 7050	7847		Traveling wave tube
7850	7850 7851		Photomultiplier, 12-stage
7851 705.4	7851 7854		Miniature electrometer tube
7854	7854 7055		Receiving twin tetrode
7855 7050	7855 7850		Transmitting planar triode
7859 7060	7859		Cold cathode voltage regulator
7860	7860		Photomultiplier, 10-stage
7861	7861		Miniature twin triode
7866	7866	•	Hydrogen thyratron, ceramic
7967	7867		Receiving beam power pentode
7868	7868		Receiving power pentode
7859	7869		Shunt Diode
7 870	7870		Conduction cooled beam power
7005	7007		tube, metal ceramic
7887 7880	7887		Subminiature double triode
7888	7888		Subminiature triode
7889 7889	7889		Subminiature double triode
7890 7893	7890 7800		Hydrogen thyratron
7892	7892		Miniature twin triode
C7761A	C7761A		Storage tube, electrical output
XG7893	2K43		See 2K43
7895 7898	7895		Nuvistor high mu triode
	7898		Miniature twin triode
7899 7900	7899 7900		Hard tube pulse modulator
7901	7900 7901	MDTIO	Transmitting triode, air cooled
7902	7901	MPT13 MPT17	TR Tube
7903	7902 7903	WP117	TR Tube
7905 7905	7905		Ion gauge
7906	7905 7906		Miniature beam power tube
7907	7907		Power rectifier, water cooled Power rectifier, air cooled
7908	7908	WX4288	Photomultiplier, 10-stage
7909	7909	WA4200	Photomultiplier, 10-stage
7944	7944		Noise source
7950	7950		Pulsed magnetron
7962	7962		Subminiature double triode
79 63	7963		Subminiature double triode
7964	7964		Triggered spark gap
7967	7967		Image orthicon camera tube
7969	7969		Image orthicon camera tube
7971	7971		Beam tetrode (British)
7972	7972		Beam tetrode (British)
7973	7973		Beam tetrode (British)
7974	7974		Water Cooled triode (British)
7975	7975		Power diode
7976	7976		Pulsed magnetron
	· · · ·		a magnetion

	Current		
	Service	•	
Tube Type	Designation	Other Number	Class Description
7977	79 77	B4032	Numerican indicator, Nixie
7 978	7978		Decade counter, cold cathode
79 79	7 979		Subminiature gas tríode
79 80	7980	83A1	Miniature voltage reference tube (British)
7981	7981		Gas filled thyratron (British)
7982	7982		Power triode
7983	7983	•	Double tetrode
7984	7984		RF Beam Power Pentode
7985	7985		Power tetrode, water cooled
7988	7988	TD44	Gas noise source
7989	7989	TD48	Gas noise source
7990	7990	TD50	Gas noise source
7991	7991	TD54	Gas noise source
7992	7992	TD62	Gas noise source
7993	7993	TD76	Gas noise source
7994	7994	1570	Subminiature rf triode
7995	7995		Subminiature rf pentode
799 6	7996		Cold cathode gas rectifier
7998	7998		Coaxial ignitron
7999	7999	TD39	Gas noise source
GL8000	8000	1553	See 8000
8000	8000	GL8000	Transmitting triode amplifier modu- lator oscillator
GL8001	4E27		See 4E27
8001	4E27		See 4E27
GL8002	8002		See 8002
GL8002R	8002R		See 8002R
8002	8002	GL8002	Transmitting power triode (HF heat-
0002	0002	CD0002	ing application) -Water cooled
8002R	8002R	GL8002R	Transmitting power triode
8003	8003	WL471, A2126	Transmitting and therapy type triode amplifier modulator oscillator
GL8005	8005		See 8005
8005	8005	GL8005, A2130A	Transmitting triode amplifier
8007	8007	A4051H	Obsolete, superseded by 807
CE8008	8008		See 8008
EE8008	8008		See 8008
GL8008	8008		See 8008
8008	8008	CE8008, GL8008, EE8008	Transmitting diode gas rectifier (type 872A/872 with heavy duty base)
GL8009	8009		See 8009
8009	8009	GL8009	Transmitting HF triode—Water
OT 0010D	00105		cooled
GL8010R	8010R		See 8010R
8010AR	8010AR		Supersedes 8010R
8010R	8010R	GL8010R	Transmitting UHF triode amplifier
8011	VT90 (Br.)/8011	10100 1177 000	See VT90 (Br.)/8011
8012	8012	A2139, VT-228	Superseded by 8012A
8012A	8012A		Transmitting UHF triode amplifier
		281	oscillator (supersedes 1628)
		/X I	

	Current		
Tube Type	Service Designation	Other Number	Class Description
8013	8013A		See 8013A
8013A	8013A	8013	Transmitting diode vacuum rectifier
8014 8014A	8014A 8014A	A2124M, 8014	See 8014A UHF triode, forced air cooled
8016	8016	TIZIZANI, OOTA	Transmitting diode vacuum rectifier. Replace with 1B3GT
8017	8017	A2140B	Transmitting triode amplifier. Obsolete
8018	8018	VT60 (Br.), A4051G, 10E/11441	Transmitting tetrode amplifier. Obsolete
8019	8019	A2009J, VT62(Br.), NT58, 10E/11443	See UH50. Similar to UH50, 834, BW11, 304B
EE8020	8020		See 8020
GL8020	8020 8020	100A, GL8020, 578,	See 8020 Transmitting diode vacuum rectifier.
8020	8020	GL451, EE8020, ZP451, 451,	Similar to CE220
8021	705A	2-100A/100R, WL578	See 705A
8022	15R		See 15R
8023	15E		See 15E
8024	8024	A359B	Obsolete, superseded by 832A
8025	8025		Superseded by 8025A
8025A	8025A		Transmitting UHF triode
8026	CV92	mp 41	See CV92
8030	8030	TD41	Gas noise source
8031	8031 8032	TD42	Gas noise source VHF beam power tube
8032 8033	8033		Transmitting triode, water cooled
8034	8034		High vacuum power diode
8035	8035		Code cathode decade counter with
			visual readout
8037	8037	B5031	Numerical indicator, Nixie
8038	8038		Power triode, oil cooled
8040	8040		Power triode, air cooled
8041	8041		Power triode, water cooled
8042	8042		Beam power tetrode
8043 8044	8043 8044		Mercury vapor thyratron Hard tube pulse modulator, air
0044	0044		cooled
8048	8048	BL601, MST17	Gas switching tube
8049	8049		Miniature vacuum phototube
8051	8051		Vidicon camera tube
8052	8052	ZV1011	Reflex klystron
8053	8053		Multiplier phototube, venetian blind
8054	8054		Multiplier phototube, venetian blind
8055	8055		Multiplier phototube, venetian blind
8056 9057	8056 8057		Nuvistor triode Ion gauge
8057	8057		Ion gauge

	Current		
	Service		
Tube Type	Designation	Other Number	Class Description
8058	8058		Nuvistor triode, double ended
		TD72	Gas noise source
8059	8059	TD72	_
8060	BLT041/8060	BLT-041	TR tube
8061	BLT059/8061	BLT-059	TR tube
8062	8062		Photomultiplier tube
8063	8063		Gas filled thyratron (British)
8064	8064		Subminiature pentode
8065	8065	ELC4H-4	Grid controlled gas rectifier
8066	8066	ELC4H-5	Grid controlled gas rectifier
		LEC411-3	Direct view storage tube, electro-
8067	8067		_
			static focus and deflection
8068	8068		Receiving beam pentode
8069	8069		Corona voltage regulator
8070	8070	Subminiature triode, frame	grid
XG8071	2K42		See 2K42
8071	8071		Subminiature triode, frame grid
XG8072	2K44		See 2K44
8072	8072		Beam power transmitting tetrode,
0072	0072		conduction cooled
V7 10070	ລທາງ		See 3K22
XZA8073	3K22		Dual range fission chamber
8073	8073		Ionization chamber
8074	8074		
807 5	8075	0000 000	Ionization chamber
8077	8077	8077/7054	Miniature power pentode, shorter
			version of 7054
8078	8078		Graphite anode triode (British)
8080	8080	CH1137	Clipper hydrogen thyratron
8081	8081		Planar triode, ceramic and metal
8082	8082		Planar triode, ceramic and metal
8083	8083		Planar triode, ceramic and metal
8084	8084		Miniature vhf pentode
8087	8087		Scan conversion storage tube
8088	8088	MPT22	TR tube
	8089	WII 122	Corona discharge voltage regulator
8089	8090		Corona discharge voltage regulator
8090			Corona discharge voltage regulator
8091	8091		2
8092	8092		Image orthicon camera tube
8093	8093		Image orthicon camera tube
8094	8094		High vacuum power rectifier
8096	8096	8096/6533	Subminiature triode, similar to
			to 6533WA
8097	8097		Miniature hydrogen thyratron
8098	8098		Electrical output storage tube
8099	8099	MST38	TR Tube
8100	8100		Photoconductive cell
8100-12	X-13		See X-13
8102	8102		Miniature triode-pentode
8103	8103		Subminiature double triode, frame
0103	0.100		grid
8104	8104		Power triode, water cooled
0104	0104		i ower triode, water cooled

	Current Service.		
Tube Type	Designation	Other Number	Class Description
8104J 8105 8106 8109 8110	8104J 8105 8106 8109 8110	3 44 H	8104 with integral water jacket Ionization chamber Receiving beam pentode Power diode, water cooled Power diode, forced air cooled Traveling wave tube
8111 8113 8116 8117 8121 8122 8123 8124	8111 8113 8116 8117 8121 8122 8123 8124	344H Z2901	Miniature sharp cutoff tetrode, military version of 6CY5 Dual tetrode linear amplifier Dual tetrode linear amplifier Beam power tube, forced air cooled Beam power tube, forced air cooled Pulsed, tunable magnetron, air cooled Direct view storage tube, 10-inch,
8128 8129 8130	8128/QKW750B 8129/QK\$622 8130	QKW750B QK622	two electrostatic writing guns Traveling wave tube Amplitron Direct view storage tube, 5-inch, electrostatic focus and deflection
8134 8136 8137 8138 8139	8134 8136 8137 8138 8139		Vidicon camera tube Miniature sharp cutoff pentode Ionization chamber Triggered spark gap Direct view storage tube, 5-inch,
8142 8143 8148 8149	8142 8143 8148 8149	Receiving beam power vh	·
8150 8151 8152 8157	8150 8151 8152 8157	TD38 TD40	Receiving beam power pentode Gas noise source Gas noise source Backward wave oscillator
8158 8159 8160 8161 8162	8158 8159 8160 8161 8162	3CX10000A1 3CX10000A3 3CX10000A7 3X2500A3 3X3000F7	Transmitting triode Transmitting triode Transmitting triode Transmitting triode Transmitting triode Transmitting triode
8163 8164 8165 8166 8167	8163 8164 8165/4-65A 8166/4-1000A 8167	3-400Z 3-1000Z 4-65A 4-1000A 4CX300A	Transmitting triode Transmitting triode Transmitting tetrode Transmitting tetrode Transmitting tetrode
8168 8169 8170 8170W 8171	8168 8169 8170/4CX5000A 8170W/4CX5000R 8171/4CX10000D	4CX1000A 4CX3000A 4CX5000A 4CX5000R 4CX10000D	Transmitting tetrode Transmitting tetrode Transmitting tetrode Transmitting tetrode Transmitting tetrode
8172 8173	8172/4X150G 8173/4W20000A	4X150G 4W20000A	Transmitting tetrode Transmitting tetrode, water cooled

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	Current Service		
Tube Type	Designation	Other Number	Class Description
8175	8175/334H	334H	Traveling wave tube
8176	8176/340H	340H	Traveling wave tube
8177	8177		Power tetrode, ceramic, coaxial
8179	8179		Power tetrode, air cooled
8182	8182/QK813	QK813	Reflex klystron, integral cavity
8184	8184		Beam Power Tube, forced air cooled
8185	8185		Subminiature triode, strap frame grid
8186	8186		Same as 8185 except heater
8187	8187/4PR65A	4PR65A	Transmitting tetrode, pulsed
8188	8188/4PR400A	4PR400A	Pulse tetrode
8189	8189/4PR1000A	4PR1000A	Pulse tetrode
8193	8193		Series regulator tube
8198	8198		Traveling wave tube
8204	8204		Beta gamma counter tube
8205	8205		Coaxial ignitron
8206	8206	M45C12	Corona voltage regulator
8207	8207		Power diode
8208	8208		Power diode
8210	8210		Subminiature pentode, strap frame grid
8211	8211		Subminiature pentode, strap frame grid
8212	8212		Miniature cathode follower tube
8213	8213		Subminiature cathode follower tube
8214	8214		Ionization chamber
8217	8217		Photoconductive cell
8223	8223		Receiving twin triode (German)
8226	8226		Beam power tube, forced air cooled
8227	8227		Beam power tube, forced air cooled
8230	8230	VA64G	Klystron oscillator, liquid cooled
8232	8232	VA128	Traveling wave tube
8233	8233	711120	Receiving beam power pentode
8236	8236		Receiving beam power pentode
8238	8238/3X3000A1	3X3000A1	Transmitting triode, forced air cooled
8240	8240	3W5000A1	Transmitting triode, water cooled
8241	8241	3W5000F1	Transmitting triode, water cooled
8242	8242	3W5000A3	Transmitting triode, water cooled
8243	8243	3W5000F3	Transmitting triode, water cooled
8245	8245/4CX250K	4CX250K	Transmitting tetrode
8246	8246/4CX250M	4CX250M	Transmitting tetrode
8247	8247/4PR125A	4PR125A	Transmitting tetrode
8249	8249/4W300B	4W300B	Transmitting tetrode, water cooled
8250	8250/3CX100F5	3CX100F5	UHF planar triode, ceramic and metal
8251	8251/3X2500F3	3X2500F3	Transmitting triode, forced air cooled
8252	8252/4PR60B	4PR60B	Pulse tetrode
8253	8253		Hydrogen thyratron
8254	8254	EC1000	Probe tube for oscilloscopes
8255	8255	20100	Miniature UHF triode (German)
8256	8256		Corona voltage regulator
8257	8257		Corona voltage regulator
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	Current Service		
Tube Type	Designation	Other Number	Class Description
8262	8262		Cold cathode decade counter tube
8270	8270		Grid controlled mercury rectifier
827 5	8275/KU93	KU93	Hydrogen rectifier
8278	8278		Audio power tetrode
8281	8281/4CX15000A	4CX15000Å	Transmitting tetrode
8283	8283/3CX1000A7	3CX1000A7	Power triode, ceramic and metal
8286	8286	TD56	Gas noise source
8287	8287	TD43	Gas noise source
8288	8288	TD67	Gas noise source
8289	8289		Gas noise source
8290	8290	TD55	Gas noise source
8291	8291	TD51	Gas noise source
8292	8292	TD77	Gas noise source
8293	8293	TD58	Gas noise source
8295	8295/PL172	PL172	Transmitting beam pentode, air cooled
8296	8296/4X150R	4X150R	Transmitting tetrode
8297	8297/4X150S	4X150S	Transmitting tetrode
8298	8298		VHF Beam power pentode, version of 6146
8304	8304		Traveling wave tube
830 5	8305		Traveling wave tube
8306	8306		Ignitron
8310A	310Å		See 310A
8315	8315	SAC46	Pulse amplifier klystron
8317	8317		Transmitting triode, forced air cooled
8318	8318	•	Photoconductive cell
8319	8319		Subminiature triode, strap frame grid
8321	8321/4CX350A	4CX350Å	Transmitting tetrode, ceramic and metal
8322	8322/4CX350F	4CX350F	Transmitting tetrode, ceramic and metal
8326	8326		Hydrogen thyratron
8330	8330	MXT48, BL-T-024, MA3107	Dual TR tube
8331	8331	MXT49, BL-T-015, MA3108	TR Tube
8333	8333		Transmitting triode
8334	8334/1218Å	1218Å	Miniature UHF triode, version of 6AN4
8335	83 35		Reflex klystron
8336	8336		Reflex klystron
8337	8337		Reflex klystron
8345	8345		Photoconductive cell
8346	8346		Photoconductive cell
8346	8346		Photoconductive cell
8349	8349/4CX35000C	4CX35000C	Transmitting tetrode
8350	8350/4CW50000C	4CW50000C	Transmitting tetrode, water cooled
8332	8332	VA242G	Reflex klystron
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	Current Service		
Tube Type	Designation	Other Number	Class Description
8351	8351/4CV100000C	4CV100000C	Transmitting tetrode, vapor cooled
8353	8353		Cold cathode decade counter with visual readout
8354	8354/HY31	HY31	Hydrogen thyratron, selected 7322
8360	8360		Ignitron
8361	8361	SAC42	Pulse amplifier klystron
PD8365	PD8365	E38	Klystron, tunable Hydrogen Thyratron, similiar to 3C45
8370 8371	8370 8371	QK665	Magnetron
8372	8372	QK666	Magnetron
8378	8378	EP76	Beta gamma counter tube
8385	8385	MA325	Gas switching tube
8401	8401	TD49	Gas noise source
8402	8402	TD75	Gas noise source
8408	8408		VHF push pull tetrode
8414	8414		Subminiature pentode, frame grid
8417	8417		Audio beam power pentode Coaxial ignitron
8420 8421	8 42 0 8 4 21	B5092	Nixie numerical indicator tube
8422	84 22	B6991	Nixie numerical indicator tube
8423	8423	B6091	Nixie numerical indicator tube
8425	8425	20001	Miniature sharp cutoff pentode
8426	8426		Miniature sharp cutoff pentode
8428	8428	CH1157	Five-stage grid-controlled electron multiplier tube (see also 8455)
8431	8431		Miniature double triode
8432	8432		Beam pentode, forced air cooled
8433	8433		Decade counting tube (British)
8434	8434		Hydrogen diode
8435	8435		Hydrogen diode UHF beam power tube, forced air
8437	8437		cooled
8438	8438/4-400Å	4-400Å	Transmitting tetrode
8443 8444	8443 8444		Direct view storage tube (obsolete) Subminiature pentode, strap frame grid
844 5	8445		Receiving triode-pentrode
844 6	8446		Receiving triode-pentrode
8447	8447		Receiving double diode, triode
8448	8448		Receiving pentode -
8449	8449		Receiving triode-pentode
8453	8453		Cold cathode, gas filled, numerical indicator tube
8454	8454		Direct view storage tube (obsolete)
84 55	8455	CH1172	Grid controlled electron multiplier tube (see alsp 8428)
8467	8467	VA92C	Reflex klystron oscillator
8469	8469		Subminiature corona discharge regulator
8474	8474/KU25	KU25	Hydrogen thyratron

	Current		
Tube Type	Service Designation	Other Number	Class Description
8504	8504	FW212	Five-inch direct view storage tube, electrostatic focus and deflection
SC8762A	2B25		S ee 2B25
GL9001	9001		See 9001
9001	9001	GL9001	Receiving miniature type pentode
GL9002	9002		See 9002
9002	9002	GL9002, VT-202	Receiving miniature type pentode
9003	9003	VT-203	Receiving miniature type pentode
GL9004	9004	V 1-205	See 9004
	and the second s	CEOR CT 0004	
9004	9004	653B, GL9004	Receiving acom type UHF diode rec- tifier. Similar to CW10 except for pin connections
GL9005	9005		S ee 9005
9005	9005	GL9005	Receiving acom type UHF diode rectifier
9006	9006		Receiving miniature type UHF dio de rectifier
VX9046	VX9046		Mercury pool modulator tube (British)
AX9903/5894	5894		See 5894
AX9906/6077	6077		See 6077
AX9906R/6078	6078		See 6078
AX9907	6075		See 6075
AX9907R	6076		See 6076
AX9908	6079		See 6079
AX9909	6083		See 6083
AX9910	6252		See 6252
AX9911	6268		See 6268
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AX9912	6279		See 6279
CST10218	CST10218		Combination TR and switching tube, Similar to X-7047
CST10720	CST10720		Combination TR and switching tube
ES10816	R4410		See R4410
12910	CE36C		See CE36C
23585	23585		Thyratron, low anode voltage
24154	24154	GL534	Vacuum switch, long operating arm (Obsolete)
32097	32097		X-ray tube
38111	38111	GE1144A, 1984	Superseded by 38111A
38111A	38111A	1818A, CW211C	Transmitting triode amplifier, low capacitance type 211 for crystal oscillator application. Use 211 for other applications. Similar to 38111, 1984, 261A, 361A, 835, 211C, 311C, 311CT, 211D, 242B, 242C
38142	38142	2C45, 45 Special	Transmitting t mode, similar to VT52 (Br.)
38145	38145		Obsolete Navy number, see 845
38166	866A		See 866 A See 5620
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	Current Service		
Tube Type	Designation	Other Number	Class Description
38674 38808 L40010	38674 808 L40010	45X674, 1674, 5B24	Full wave mercury-vapor rectifier See 808 H.V. triode.
B50132	B50132		Numerical indicator (Nixie)
62001	62001		Geiger counter tube.
62022	62022		Geiger œunter tube.
C73136	3KP2		See 3KP
73147	3JP11		See 3JP
C73171	C73171		Storage tube, radechon
C73262	C73262		Vicicon
C73293	C73293		Kinescope, 3-gun tri-color
C73345	6571		See 6571
C73352	1698		See 1698
C73404	6499		See 6499
C73405	6500		See 6500
C73413A	6929		See 6929
C73427Å	6326		See 6326 See 7539
C73973	7539	B145N100A	Cathode ray tube mapping light
C73920	C73920	B143N1UA	source
C74008	C74008		Vidicon camera tube for underwater TV
RXB-103273	RXB-103273		Gas noise source
RXB-103274	RXB-103274		Gas noise source
RXB-103275	RXB-103275		Gas noise source
RXB-103276	RXB-103276		Gas noise source
RXB-103277	RXB-103277 D155023		Gas noise source Special phototube (dead)
D155023 D156734	D155025 D156734		Similar to type 205D, with silver-
D130734	D130734		plated studs
D157591	382A		See 382A
D157653	380Å		See 380A
D157654	D157654		Replaced by 384Å
D158643	D158643		Replaced by 384A
D158796	386 A		See 386A
D159076	D159076		Phototube
D159508	381A		See 381A
D159509	383A		See 383A
D159511	D159511		Pentode amplifier (similar to WE366A except grid on top)
D159512	387A		See 387A
D159764	368AS/703A		See 368AS/703A
D159765	704A		See 704A
D159769	388A		See 388A
D159778A	D159778A		Thyratron
D159780	705Å		See 705A
D159781	356B		See 356B
D160127	D160127		Triode similar to 708A
D160206	1272Y		See 1272Y

	Current Service		
Tube Type	Designation	Other Number	Class Description
D160573	D160573	1301M	Transmitting UHF oscillator. Similar to 708A
D161145 D161714	D161145 D161714	1325M	Transmitting UHF oscillator Grid controlled gas rectifier See GY2
D161831 D163876 D16 4694	GY2 D163876 2K40	1374GY	Grid controlled gas rectifier See 2K40
D164713	D164713		Transmitting triode UHF oscillator
D164714	7C22		See 7C22
D166382	D166382	1289CT	Bead thermistor
D167158	D167158		UHF oscillator
D168391	D168391		Bead thermistor
D168392 D168535	D168392 D168535		Bead thermistor Cold cathode gas triode rectifier relay
D169618 D170135	D169618 1B42		regulator Modified 723A/B See 1B42
D170573	5649		See 5649
D171089	D171089		Similar to 7C22-shorter in height
D172733	QK 185		See QK185
D172925	400 Å		See 400A
D176627	5650		See 5650
GE189048 189048	4B28 189048		See 4B28 Diode gas rectifier See 4B26
GE 189049 189049 199698	4B26 4B26 199698		See 4B26 Duodiode gas rectifier
206501	206501	289415 206501	Diode gas rectifier (supersedes
B216545F	B216545F		Phototube assembly
GE217283	5B21		See 5B21
217283	5B21		See 5B21
WL289414	4B28		See 4B28
289414	4B28		See 4B28
WL289415	WL289415	WL289415, CE212,	See 289415
289415	289415		Diode gas rectifier
WE289416D	4B26		See 4B26
WL289416D	4B26		See 4B26
289416	4B26		See 4B26
289881 296000	289881 296000		Diode gas rectifier Traveling wave tube
296001	296001		Traveling wave tube
296002	296002		Traveling wave tube
296006	296006		Traveling wave tube
296009	296009		Traveling wave tube
296010	296010		Traveling wave tube
R566021	3K23		See 3K23
766776	5B21		See 5B21
XB767527-1	XB 767527-1		Special temperature limited diode

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	Current Service		
Tube Type	Designation	Other Number	Class Description
WL859483	4B36		See 4B36
859483	4B36		See 4B36
928006-2	5BFP		See 5BFP
WL966626	WE327A		See WE327A
966626	4B35		See 4B35
1047266	7BSP7	K1318P7	See 7BSP7
B1051014	B1051014		Traveling wave tube
R5660201	3K23		See 3K23

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PASE 31 OF TALLI-2627

PASE 31 OF TALLI-2627

MIL-HDBK-213A

5 November 1963

	1		i		3
VT Number	See Commercial Tube Type No.	VT Number	See Commercial Tube Type No.	VT Number	See Commercial Tube Type No.
VT-1	WE-203A	VT-47	47	VT-93	6B8
V •	(obsolete)	VT-48	41	VT-93A	6B8G
VT-2	WE-205B	VT-49	39/44	VT-94	6J5
VT-3	Obsolete	VT-50	50	VT-94A	6J5G
VT-4A	Obsolete	VT-51	841	VT-94B	6J5 special selected
VT-4B	Commercial 211	VT-52	45 special	VT-94C	6J5G special
VT-4C	JAN 211	VT-53	Cancelled	V. 540	selected
VT-5	WE-215A		superseded by	VT-94 D	6J5GT
VT-6	212A (obsolete)		VT-42-A)	VT-95	2A3
VT-7	WX-12 (obsolete)	VT-54	34	VT-96	6N7
VT-8	UV-204 (obsolete)	VT-55	865	VT-96B	6N7 special
V T-10	Obsolete	VT-56	56		selected
V T-11	Obsolete	VT-57	57	VT-97	5W4
VT -12	Obsolete	VT-58	58	VT-98	6U5/6B5
VT-13	Obsolete	VT-60 ·	850	VT-99	6F8G
VT-14	Obsolete	VT-62	801, 801A	VT-100	807
VT-16	Obsolete	VT-63	46	VT-100A	807 modified
VT-17	860	VT-64	800	VT-101	837
VT-18	Obsolete	VT-65	6C5	VT-102	Cancelled
VT -19	861	VT-65A	6C5G	VT-103	6SQ7
V T-20	Obsolete	VT-66	6F6	VT-104	12SQ7
V T-21	Obsolete	VT-66A	6F6G	VT-105	6SC7
VT- 22	204A	VT-67	30 special	VT-106	803
V T-23	Obsolete	VT-68	6B7	VT-107	6V6
V T-24	864	VT-69	6D6	VT-107A	6V6GT
VT-25	10	VT-70	6F7	VT-107B	6V6G
VT-25A	10 special	VT-72	842	VT-108	450TH
VT-26	22	VT-73 VT-74	843 5Z4	VT-109	2051 5DD 4 (1000D 4
VT-27	30	V1-74 VT-75	524 75	VT-111	5BP4/1802P4
VT-28	24, 24Å	VT-76	75 76	VT-112	6AC7/1852
VT-29 VT-30	27 01-Ā	VT-77	76 77	VT-114 VT-115	5T4 6L6
VT-31	31	VT-78	78	VT-115A	6L6G
VT-32	Obsolete	VT-80	80	VT-116	6SJ7
VT-33	33	VT-83	83	VT-116A	6SJ7GT
VT-34	207	VT-84	84/6Z4	VT-116B	6SJ7Y
VT-35	35/51	VT-86	6K7	VT-117	6SK7
VT-36	36	VT-86A	6K7G	VT-117A	6SK7GT
VT-37	37	VT-86B	6K7GT	VT-118	832
VT-38	38	VT-87	6L7	VT-119	2X2/879
VT-39	869	VT-87A	6L7G	VT-120	954
VT-39A	869Å	VT-88	6R7	VT-121	955
VT-40	40	VT-88A	6R7G	VT-122	530
VT-41	851	VT-88B	6R7GT	VT-123	RCA 3-5586
VT-42	872	VT-89	89	1	(superseded by
VT-42A	872 (special fil.)	VT-90	6B6		VT-128)
VT-43	845	VT-90A	6H6GT	VT-124	1A5GT
VT-44	32	VT-91	6J7	VT-125	1C5GT
VT-45	45	VT-91A	6J7GT	VT-126	6X5
VT-46	866	VT-92	6Q7	VT-126A	6X5G
VT-46A	866A	VT-92A	6Q7G	VT-126B	6X5GT
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VT Number	See Commercial Tube Type No.		VT Number	See Commercial Tube Type No.		VT Number	See Commercial Tube Type No.
VT-127	Special tube	l	VT-171A	Loctal equiv.	1	VT-220	250TH
VT-127A	Special tube			of 1R5	1	VT-221	3C5GT
VT-128	1630		VT-172	LS5		VT-222	884
VT-129	304TL		VT-173	1T4	1	VT-223	1H5GT
VT-130	250TL	1	VT-174	3S4	l	VT-224	RK-34
VT-131	12SK7		VT-175	1613	l	VT-225	307 Å
VT-132	12K8 special	l	VT-176	6AB7/1853	1	VT-226	3EP1/1806P1
VT-133	12SR7	•	VT-177	ILB4	1	VT-227	7184
VT-134	12A6	1	VT-178	1LC6	1	VT-228	8012
VT-135	12J5GT	l	VT-179	1LN5	1	VT-229	6SL7GT
VT-135A	12J5	1	VT-180	3LP4	ı	VT-230	350Å
VT-136	1625		VT-181	7Z4	I	VT-231	6SN7GT
VT-137	1626	1	VT-182	3B7/1291	1	VT-232	E-1148
VT-138	1629	1	VT-183	1R4/1294	1	VT-233	6SR7
VT-139	VR150-30	1	VT-184	VR90-30	1	VT-234	HY-114B
VT-140	1628	1	VT-185	3D6/1299	1	VT-235	HY-615
VT-141	531	1	VT-186	Special tube	1	VT-236	836
VT-142	WE-39DY1	1	VT-187	575A	1	VT-237	957
VT-143	805	1	VT-188	7E6	1	VT-238	956
VT-144	813	1	VT-189	7F7	1	VT-239	1LE3
VT-145	523	1	VT-190	7 H7	1	VT-240	710Å
VT-146	IN5GT	ł	VT-191	316A	1	VT-241	7E5/1201
VT-147	1A7GT		VT-192	7A4	ı	VT-243	7C4/1203Å
VT-148	1D8GT		VT-193	7C7	1	VT-244	5U4G
VT-149	3A8GT		VT-194	737	1	VT-245	2050
VT-150	6SA7	1	VT-195	1005	ı	VT-246	918
VT-150A	6SA7GT	i	VT-196	6W5G		VT-247	6AG7
VT-151	6A8G	1	VT-197Å	5Y3GT/G	1	VT-248	1808P
VT-151B	6A8GT	1	VT-198A	6G6G	1	VT-249	1006
VT-152	6K6GT	ı	VT-199	6SS7		VT-250	EF50
VT-152A	6K6G	1	VT-200	VR-105-30	ı	VT-251	441
VT-153	12C8 special		VT-201	25L6		VT-252	923
VT-154	814	1	VT-201C	25L6GT		VT-254	304TH
VT-155	Special tube	1	VT-202	9002	1	VT-255	705A
VT-156	Special tube	ı	VT-203	9003		VT-256	ZP486
VT-157	Special tube	1	VT-204	HK24G	- 1	VT-257	K-7
VT-158	Special tube	1	VT-205	6ST7	ı	VT-259	829 VD75 30
VT-159	Special tube	1	VT-206A	5V4G	ı	VT-260	VR75-30
VT-160	Special tube	ı	VT-207	12AH7GT	ı	VT-264	3Q4
VT-161	12SA7	1	VT-208	7B8	- 1	VT-266	1616
VT-162	12SJ7	1	VT-209	12SG7	ı	VT-267	578 12SC7
VT-163	6C8G	1	VT-210	1B4		VT-268	717A
VT-164	1619	1	VT-211	6SG7	ı	VT-269	417
VT-165	1624	1	VT-212	958 6L5G	ı	VT-277	GY-2
VT-166	371A	1	VT-213A	12H6		VT-279	C7063
VT-167	6K8	1	VT-214 VT-215	6E5	1	VT-280 VT-281	HY-145ZT
VT-167A	6K8G	1	VT-215 VT-216	816	•	VT-282	ZG489
VT-168A	6Y6G	1	V 1-216 VT-217	811		VT-283	QF-206
VT-169	12C8	ſ	VT-217 VT-218	100TH		VT-283	QF-197
VT-170	1E5-GP	I	VT-219	Cancelled	1	VT-285	QF-200C
VT-171	1R5	1	V 1-213	Suiccirca		4 1-203	4. 2000

VT Number	See Commercial Tube Type No.	VT Number	See Commercial Tube Type No.	VT Number	See Commercial Tube Type No.
VT-286 VT-287 VT-288 VT-289	832A 815 12SH7 12SL7GT				

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EQUIVALENCE BETWEEN UNITED KINGDOM CV NUMBERS AND UNITED STATES TYPE DESIGNATION USED IN THE

NATO LIST OF RECOMMENDED ELECTRONIC VALVES AND TUBES

U.S. Number	CV Number	Class Description
OA2WA	CV4020	Voltage Regulator, Rel.
OB2WA	CV4101	Voltage Regular, Rel.
ClK	CV2790	Rectifier, Grid-Controlled
1B3GT	CV1830	Rectifier, Half-Wave, High Vacuum
1CP1	CV2302	Cathode Ray Tube, Electrost. Defl. and Foc.
2BP1	CV3678	Cathode Ray Tube, Electrost. Defl. and Foc.
2J42	CV3676	Magnetron, Fixed F, Pulse, Perm. Magnet
2J51A	CV5134	Magnetron, Tunable, Perm. Magn.
2K28	CV1892	Klystron, External Cavity
3ACP1A	CV5452	Cathode Ray Tube, Electrost. Defl. and Foc.
3ACP7A	CV5753	Cathode Ray Tube, Electrost. Defl. and Foc.
3ACP12A	CV5454	Cathode Ray Tube, Electrost. Defl. and Foc.
3B24WA	CV4021	Rectifier, Half-Wave, High Vacuum, Rel.
3B28	CV 1835	Rectifier, Half-Wave, Gas
3D21B	CV5355	Beam Tetrode, Pulse Modulator
3E29	CV3599	Twin Beam Tetrode, Pulse Modulator
3WP1	CV3946	Cathode Ray Tube, Electrost. Defl. and Foc.
4-65Å	CV 1905	Tetrode, Power, VHF
4-400A	CV3879	Tetrode, Power, VHF
4B31	CV3510	Diode, Clipper, High-Vacuum
4B32	CV2518	Rectifier, Half-Wave, Gas
4C35A	CV5247	Thyraton, Hydrogen, Pulse Modulator
4D21	CV2963	Tetrode, Power, VHF
4J50A	CV2284	Magnetron, Pulse, Fixed F, Perm. Magnet
4J52A	CV5018	Magnetron, Pulse, Fixed F, Perm. Magn.
4PR60A	CV2752	Tetrode, Pulse Amplifier
4X250B	CV2487	Tetrode, External Anode, UHF
5ADP1	CV5035	Cathode Ray Tube, Electrost. Defl. and Foc.
5ÅDP7	CV5125	Cathode Ray Tube, Electrost. Defl. and Foc.
5C22		Thyratron, Hydrogen, Pulse Modulator
5FP7A	CV3959	Cathode Ray Tube, Magn. Defl. and Foc.
5FP14A	CV5248	Cathode Ray Tube, Magn. Defl. and Foc.
5R4WGB	CV5181	Rectifier, Full-Wave, High Vacuum, Rel.
5Y3WGTA	CV4027	Rectifier, Full-Wave, High Vacuum, Rel.
6AH6WA	CV5450	Pentode, Sharp cut off, Miniature
6AN5WA	CV5182	Pentode, Power Amplifier
6AU6WA	CV4023	Pentode, RF, Sharp, Rel.
6 BQ5	CV2975	Pentode, Power Amplifier
6C4WA	CV4058	Triode, HF, Medium Mu, Rel.
6J6WA	CV4031	Twin Triode, Rel.
10KP7A	CV5456	Cathode Ray Tube, Magn. Defl. and Foc.
12AEP26	CV429	Cathode Ray Tube, Magn. Defl. and Foc.
12AT7WA	CV5212	Twin Triode, High Mu, Rel.
577	CV3969	Rectifier, Half-Wave, High-Vacuum
578	CV5155	Rectifier, Half-Wave, High Vacuum
583	CV5356	Diode, Clipper, High-Vacuum
1258	CV3957	Thyratron, Hydrogen, Pulse Modulator
5544	CV2210	Triode, Gas-filled, Thyratron
5545	CV2215	Triode, Gas-filled, Thyratron
5586	CV3611	Magnetron (F: 2700-2900 Mc/s) Pulse
5 657	CV3958	Tunable (F: 2900-3100 Mc/s)
5636	CV3928	Pentode, Sharp, Mixer

U.S. Number	CV Number	Class Description
5639	CV2662	Pentode, Sharp, Video Amplifier
5641	CV5211	Rectifier, Half-Wave, High-Vacuum
5643	CV5079	Thyratron, Gas-Tetrode
5644	CV3987	Voltage Regulator, Rel.
5654/6AK5W	CV4010	Pentode, Sharp, RF, Rel.
5684/C3J/A	CV2753	Triode, Thyratron, Inert Gas
5685/C6J	CV2754	Triode, Thyratron, Gas
5686	CV3612	Pentode, RF Beam Power Ampl., Rel.
5687WA	CV5188	Twin Triode, Power Ampl.
5696	CV3512	Tetrode, Thyratron, Gas
5718	CV3930	Triode, 500 Mc/s, Medium Mu
57 19	CV4008	Triode, High Mu, Rel.
5725/6AS6W	CV4011	Pentode, Sharp, RF, Mixer, Rel.
5726/6AL5W	CV4007	Twin Diode, Rel.
5727/2D21W	CV4018	Tetrode, Thyratron, Xenon, Rel.
5749/6BA6W	CV4009	Pentode, Remote, Rel.
5750/6BE6W	CV4012	Heptode, Converter, Rel.
5783WA	CV3960	Voltage Reference Tube
5836	CV5044	Klystron, Reflex
5840	CV3929	Pentode, RF, Sharp
5861	CV273	Triode, Disc Seal, UHF
5894	CV2797	Twin Tetrode, RF, Beam Power Ampi fier
5896	CV2698	Double Diode, 400 Mc/s
5899	CV477	Pentode, semi-Remote
5902	CV4029 CV5246	Pentode, Beam Power Ampl., Rel.
5933WA 50.49 A	CV5246 CV5455	Tetrode, Beam Power Amplifier
5948A 5949	CV3433 CV3521	Triode, Thyratron, Hydrogen Triode, Thyratron, Hydrogen, Pulse Mod.
6005/6AQ5W	CV4019	Pentode, Beam Power Amplifier, Rel.
6021	CV3986	Twin Triode, Medium Mu.
6027	CV5135	Magnetron, Fixed F, Pulse, Perm. Magnet
6057	CV4004	Twin Triode, High Mu, Rel.
6063	CV4005	Rectifier, Full-Wave, High-Vacuum, Rel.
6064	CV4014	Pentode, Sharp, Rel.
6080WA	CV5008	Twin Triode, Power Amplifier
6111	CV3961	Twin Triode, Medium Mu.
6112	CV5007	Twin Triode, High Mu.
6130	CV3629	Thyratron, Hydrogen, Pulse Modulator
6146	CV3523	Tetrode, Beam Power, Amplifier
6155	CV2130	Tetrode, Power, VHF
6189/12AU7WA	CV4003	Twin Triode, Low Mu., Rel.
6203	CV5009	Rectifier, Full-Wave, High Vacuum
6252	CV2799	Twin Tetrode, RF, Beam Amplifier
6267	CV 2901	Pentode, Sharp, Low Microphony
6360	CV2798	Double Tetrode, Power RF
6375	CV2275	Triode, UHF
6442	CV3988	Triode, UHF
6533	CV5136	Triode, High Mu, Low Microphony
6939	CV3466	Twin Tetrode
6975	CV5249	Klystron, Reflex
7308	CV5354	Twin Triode, Medium Mu
	(CV4108)	

U.S. Number	CV Number	Class Description
7320	CV 2975	Pentode, Power Amplifier
	CV2314	Cathode Ray Tube, Magn. Defl. and Foc.
	CV2346	Klystron, External Cavity
	CV2352	Cathode Ray Tube, Electrost. Defl. and Foc.
	CV2381	Backward Wave Oscillator
	CV2393	Backward Wave Oscillator
	CV4048	Voltage Reference Tube, Gas-Filled, Rel.
	CV4105	Grounded Grid Triode, Receiving
	CV4504	Diode, Flying Leads, Rel.
	CV6023	Backward Wave Oscillator
	CV6024	Backward Wave Oscillator
F1001 (French)	CV5011	Magnetron. Tunable, Pulse, Ext. Magnet F: 3100-3300 Mc/s

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EQUIVALENCE BETWEEN UNITED KINGDOM CV NUMBERS AND UNITED STATES TYPE DESIGNATION USED IN THE NATO LIST OF RECOMMENDED ELECTRONIC VALVES AND TUBES

CV Number	U.S. Number	Class Description
CV273	5861	Triode, Disc Seal, UHF
CV429	12AEP26	Cathode Ray Tube, Magn. Defl. and Foc.
CV477	5899	Pentode, Semi-Remote
CV1830	1B3GT	Rectifier, Half-Wave, High Vacuum
CV1835	3B28	Rectifier, Half-Wave, Gas
CV1892	2K28	Klystron, External Cavity
CV1905	4-65A	Tetrode, Power, VHF
CV2130	6155	Tetrode, Power, VHF
CV2210	5544	Triode, Gas-filled, Thyratron
CV2215	5545	Triode, Gas-filled, Thyratron
CV2275	6375	Triode, UHF
CV2284	4J50A	Magnetron, Pulse, Fixed F, Perm. Magnet
CV2302	1CP1	Cathode Ray Tube, Electrost. Defl. and Foc.
CV2314		Cathode Ray Tube, Magn. Defl. and Foc.
CV2346	•	Klystron, External Cavity
CV2352		Cathode Ray Tube, Electrost. Defl. and Foc.
CV2381		Backward Wave Oscillator
CV2393		Backward Wave Oscillator
CV2487	4X250B	Tetrode, External Anode, UHF
CV2518	4B32	Rectifier, Half-Wave, Gas
CV2662	5639	Pentode, Sharp, Video Amplifier
CV2698	5896	Double Diode, 400 Mc/s
CV2752	4PR60A	Tetrode, Pulse Amplifier
CV2753	5684/C3J/A	Triode, Thyratron, Inert Gas
CV2754	5685/C6J	Triode, Thyratron, Gas
CV2790	ClK	Rectifier, Grid-Controlled
CV2797	5894	Twin Tetrode, RF, Beam Power Amplifier
CV2798	6360	Double Tetrode, Power RF
CV2799	6252	Twin Tetrode, RF, Beam Amplifier
CV2901	6267	Pentode, Sharp, Low Microphony
CV2963	4D21	Tetrode, Power, VHF
CV2975	6BQ5	Pentode, Power Amplifier
CV3466	7320	m . m
CV3510	6939 4B31	Twin Tetrode
CV3510	4B31 5696	Diode, Clipper, High-Vacuum
CV3521	5949	Tetrode, Thyratron, Gas
CV3523	6146	Triode, Thyratron, Hydrogen, Pulse Mod.
CV3599	3E29	Tetrode, Beam Power, Amplifier
CV3611	5586	Twin Beam Tetrode, Pulse Modulator
CV3612	5686	Magnetron (F: 2700 - 2900 Mc/s) Pulse
CV3629	6130	Pentode, RF Beam Power Ampl., Rel.
CV3676	2J42	Thyratron, Hydrogen, Pulse Modulator Magnetron, Fixed F, Pulse, Perm. Magnet
CV3678	2BP1	Cathodo Pro Tubo Classes Perm. Magnet
CV3879	4-400 A	Cathode Ray Tube, Electrost. Defl. and Foc.
CV3928	5636	Tetrode, Power, VHF Pentode, Sharp, Mixer
CV3929	5840	Pentode, Sharp
CV3930	5718	Triode, 500 Mc/s, Medium Mu
CV3946	3WP1	Cathode Ray Tube, Electrost. Defl. and Foc.
CV3957	1258	Thyratron, Hydrogen, Pulse Modulator
CV3958	5657	Tunable (F: 2900 - 3100 Mc/s)
CV3959	5FP7A	Cathode Ray Tube, Magn. Defl. and Foc.
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CV Number	U.S. Number	Class Description
CV3960	5783WA	Voltage Reference Tube
CV3961	6111	Twin Triode, Medium Mu.
CV3969	577	Rectifier, Half-Wave, High-Vacuum
CV3986	6021	Twin triode, Medium Mu.
CV3987	5644	Voltage Regulator, Rel.
CV3988	6442	Triode, UHF
CV4003	6189/12AU7WA	Twin Triode, Low Mu., Rel.
CV4004	6057	Twin Triode, High Mu, Rel.
CV4005	6063	Rectifier, Full-Wave, High-Vacuum, Rel.
CV4007	5726/6AL5W	Twin Triode, Rel.
CV4008	5719	Triode, High Mu, Rel.
CV4009	5749/6BA6W	Pentode, Remote, Rel.
CV4010	5654/6AK5W	Pentode, Sharp, RF, Rel.
CV4011	5725/6AS6W	Pentode, Sharp, RF, Mixer, Rel.
CV4012	5750/6BE6W	Heptode, Converter, Rel.
CV4014	6064	Pentode, Sharp, Rel.
CV4018	5727/2D21W	Tetrode, Thyratron, Xenon, Rel.
CV4019	6005/6AQ5W	Pentode, Beam Power Amplifier, Rel.
CV4020	OA2WA	Voltage Regulator, Rel.
CV4021	3B24WA	Rectifier, Half-Wave, High Vacuum, Rel.
CV4023	6AU6WA	Pentode, RF, Sharp, Rel.
CV4027	5Y3WGTA	Rectifier, Full-Wave, High Vacuum, Rel.
CV4029	5902	Pentode, Beam Power Ampl., Rel.
CV4031	6J6WA	Twin Triode, Rel.
CV 4048		Voltage Reference Tube, Gas-Filled, Rel.
CV4058	6C4WA	Triode, HF, Medium Mu, Rel.
CV4101	OB2WA	Voltage Regular, Rel.
CV4105		Grounded Grid Triode, Receiving
CV4108	7308	Twin Triode, Medium Mu
CV4504		Diode, Flying Leads, Rel.
CV5007	6112	Twin Triode, High Mu.
CV5008	6080WA	Twin Triode, Power Amplifier
CV5009	6203	Rectifier, Full-Wave, High Vacuum
CV5011	F1001 (French)	Magnetron, Tunable, Pulse, Ext. Magnet F: 3100-3300 Mc/s.
CV5018	4J52A	Magnetron, Pulse, Fixed F, Perm. Magn.
CV5035	5ADP1	Cathode Ray Tube, Electrost. Defl. and Foc.
CV5044	5836	Klystron, Reflex
CV5079	5643	Thyratron, Gas-Tetrode
CV5125	5ADP7	Cathode Ray Tube, Electrost. Defl. and Foc.
CV5134	2J51A	Magnetron, Tunable, Perm. Magn.
CV5135	6027	Magnetron, Fixed F, Pulse, Perm. Magnet
CV5136	6533	Triode, High Mu, Low Microphony
CV5155	578	Rectifier, Half-Wave, High Vacuum
CV5181	5R4WGB	Rectifier, Full-Wave, High Vacuum, Rel.
CV5182	6AN5WA	Pentode, Power Amplifier
CV5188	5687WA	Twin Triode, Power Ampl.
CV5211	5641	Rectifier, Half-Wave, High-Vacuum
CV5212	12AT7WA	Twin Triode, High Mu, Rel.
CV5246	5933WA	Tetrode, Beam Power Amplifier
CV5247	4C35A	Thyraton, Hydrogen, Pulse Modulator
CV5248	5FP14A	Cathode Ray Tube, Magn. Defl. and Foc.
CV5249	6975	Klystron, Reflex

CV Number	U.S. Number	Class Description
CV5354	7308	Twin Triode, Medium Mu
CV5355	3D21B	Beam Tetrode, Pulse Modulator
CV5356	583	Diode, Clipper, High-Vacuum
CV5450	6AH6WA	Pentode, Sharp cut off, Miniature
CV5452	3ACP1A	Cathode Ray Tube, Electrost. Defl. and Foc.
CV5454	3ACP12A	Cathode Ray Tube, Electrost. Dell. and Foc.
CV5455	5948 A	Triode, Thyratron, Hydrogen
CV5456	10KP7A	Cathode Ray Tube, Magn. Defl. and Foc.
CV5753	3ACP7A	Cathode Ray Tube, Electrost. Defl. and Foc.
CV6023		Backward Wave Oscillator
CV6024		Backward Wave Oscillator
	5C22	Thyratron, Hydrogen, Pulse Modulator